

20000708.qrp v01_n876.qrl.20000708

Date: Sat, 8 Jul 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1876

QRP-L Digest 1876

Topics covered in this issue include:

- 1) [74514] Re: Gel Cell Battery question
by Michael Neverdosky <mneverdosky@earthlink.net>
- 2) [74515] Re: Meet the moderator
by lujce@Lehigh.EDU
- 3) [74516] Re: [OT] Are there any QRP-L members in Rhode Island?.....
by tom palmer <n1tp@worldnet.att.net>
- 4) [74517] K0EVZ Log first draft
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 5) [74518] Re: Meet the moderator
by Norm Melick <henmel@worldnet.att.net>
- 6) [74519] Re: Meet the moderator
by Norm Melick <henmel@worldnet.att.net>
- 7) [74520] Re: Meet the moderator
by Jim Lowman <jmlowman@ix.netcom.com>
- 8) [74521] Lots of neat stuff at
by ARDUJENSKI@aol.com
- 9) [74522] Re: Meet the moderator - OK
by "M05aaaa00" <merryprankster@cwcom.net>
- 10) [74523] Re: Lots of neat stuff at
by "Mike Yetsko" <myetsko@insydesw.com>
- 11) [74524] Re: Weird radio stuff you really don't need anyway
by "Mike" <steam@corecomm.net>
- 12) [74525] Re: moderator - back to qrp-l
by "Pat Cahill" <n0adq@bresnanlink.net>
- 13) [74526] Re: Meet the moderator - OK
by "George , W5YR" <w5yr@att.net>
- 14) [74527] power strip ideas?
by "Dave Benham" <dodgeboy@mindspring.com>
- 15) [74528] Re: Gel Cell Battery question
by "Terres Family" <terresfm@ncia.net>
- 16) [74529] Baluns and Management/Moderation
by "James R. Duffey" <jamesd1@flash.net>
- 17) [74530] Lists like QRP-L
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [74531] Re: power strip ideas?
by Roger Hightower <n7kt@worldnet.att.net>
- 19) [74532] Re: moderator - back to qrp-l

by Brian <brian@iquest.net>
20) [74533] Re: [Elecraft] Ft Tuthill 2000
by Bob Hightower <nk7m@extremezone.com>
21) [74534] Re: Meet the moderator
by "Victor Blackwell" <victor@brecnet.com>
22) [74535] QRP stuff
by Tim Pettibone <k5oi@zianet.com>
23) [74536] Re: power strip ideas?
by Bob Hightower <nk7m@extremezone.com>
24) [74537] FOX: da fox dat got away!
by John Wagner <john@neknetwork.com>
25) [74538] tech help
by JClinton46@aol.com
26) [74539] Re: FOX: da fox dat got away!
by "George , W5YR" <w5yr@att.net>
27) [74540] K0EVZ FOX log corrections
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
28) [74541] Designing a WWVB Receiver
by Jeremy Cooper <jeremy@baymoo.org>
29) [74542] The list...no need to worry
by AdamN7YA@aol.com
30) [74543] Re: Meet the moderator
by AdamN7YA@aol.com
31) [74544] Re: Lots of neat stuff at
by "Marshall Emm" <mgemm@mtechnologies.com>
32) [74545] Re: The list...no need to worry
by Norm Melick <henmel@worldnet.att.net>
33) [74546] Re: The list...no need to worry
by AdamN7YA@aol.com
34) [74547] Got that F5BBD finally!
by ARDUJENSKI@aol.com
35) [74548] Re: Lots of neat stuff at
by "M05aaa00" <merryprankster@cwcom.net>
36) [74549] WTB: MXM xcvr in any condition
by "Alan Fryer" <n3bj@hotmail.com>
37) [74550] Re: Lots of neat stuff at
by Michael Bower <bowerm@ix.netcom.com>
38) [74551] Re: power strip ideas?
by "Mike Yetsko" <myetsko@insydesw.com>
39) [74552] Tentec 1380 freq adjustment?
by tailfeathers@juno.com
40) [74553] Re: Designing a WWVB Receiver
by Brian Chesire <BCChesire@worldnet.att.net>
41) [74554] Re: Tentec 1380 freq adjustment?
by "Cla KA0GKC" <ka0gkc@arrl.net>
42) [74555] OT: Routes to Ft. Tuthill
by jaywa5whn@juno.com
43) [74556] Re: tech help

by David Hinerman <dlh1009@ritvax.isc.rit.edu>
44) [74557] Re: tech help
by "Mike Yetsko" <myetsko@insydesw.com>
45) [74558] Re: Power Strip Ideas
by "William K. Harding" <k4ahk@ix.netcom.com>
46) [74559] Re: Power Strip Ideas
by Michael Neverdosky <mneverdosky@earthlink.net>
47) [74560] PA QRP-L MEMBERS
by Tom and Roxy <zikot@erie.net>
48) [74561] RE: power strip ideas?
by "Mike D." <hrg@cifnet.com>
49) [74562] Summer FOX for Sunday 7/9 AE2T
by "Al Gritzmacher AE2T" <ae2t@bigfoot.com>
50) [74563] ICOM Ham Survey
by "William K. Harding" <k4ahk@ix.netcom.com>
51) [74564] QRP-L messages?
by ARDUJENSKI@aol.com
52) [74565] Re: Lots of neat stuff at
by wd3p@juno.com
53) [74566] Re: power strip ideas?
by wd3p@juno.com
54) [74567] RE: ICOM Ham Slavery...er, Survey
by "K7FD-N7SG" <cqdx@teleport.com>
55) [74568] Re: ICOM Ham Slavery...er, Survey
by "Daniel" <hamop@pixi.com>
56) [74569] Re: ICOM Ham Survey
by "Mike Yetsko" <myetsko@insydesw.com>
57) [74570] Re: ICOM Ham Survey
by "Dan W. Dooley" <dandooley@pipeline.com>
58) [74571] Re: Got that F5BBD finally! (Antenna Comments)
by Steve Yates <aa5tb@yahoo.com>
59) [74572] Re: power strip ideas?
by "Rod, N0RC" <n0rc@qsl.net>
60) [74573] Re: PA QRP-L MEMBERS
by tom palmer <n1tp@worldnet.att.net>
61) [74574] Re: power strip ideas?
by "Rod, N0RC" <n0rc@qsl.net>
62) [74575] Re: Tentec 1380 freq adjustment?
by NB6M@aol.com
63) [74576] Re: ICOM Ham Survey
by Niels Jensen Kristjansson <nkristja@cadvision.com>
64) [74577] New Email address
by "Joe Trombino" <w2kj@earthlink.net>
65) [74578] Re: power strip ideas?
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
66) [74579] Re: ICOM Ham Survey
by Bruce Muscolino <w6toy@erols.com>
67) [74580] Re: [OT] Are there any QRP-L members in Rhode Island?.....

- by "Paul Harden, NA5N" <na5n@rt66.com>
- 68) [74581] Re: power strip ideas?
by "K3GM" <k3gm@home.com>
- 69) [74582] Ft. Tuthill Map
by "Paul Harden, NA5N" <na5n@rt66.com>
- 70) [74583] Weekend Solar Stuff (WSS)
by "Paul Harden, NA5N" <na5n@rt66.com>
- 71) [74584] Re: Tentec 1380 freq adjustment?
by tailfeathers@juno.com
- 72) [74585] SM protoboards
by Bob Liesenfeld <wb0poq@visi.com>
- 73) [74586] Re: Field Day rule adjustment proposal
by "ptaber" <ptaber@flash.net>
- 74) [74587] FS: Various QRP and ham items
by "Jason Milldrum" <thecabal@mindspring.com>
- 75) [74588] QRP Schematics Wanted
by Tom and Roxy <zikot@erie.net>
- 76) [74589] stainless steel wire resistivity?
by "Dave Benham" <dodgeboy@mindspring.com>
- 77) [74590] Re: Switching power supply question
by zmola@campbellsci.com
- 78) [74591] Re: Tentec 1380 freq adjustment?
by NB6M@aol.com
- 79) [74592] Re: stainless steel wire resistivity?
by "George , W5YR" <w5yr@att.net>
- 80) [74593] Re: stainless steel wire resistivity?
by "Mike Yetsko" <myetsko@insydesw.com>
- 81) [74594] Re: SM protoboards
by "Mike Yetsko" <myetsko@insydesw.com>
- 82) [74595] K0EVZ Final Log
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 83) [74596] Re: stainless steel wire resistivity?
by "George , W5YR" <w5yr@att.net>
- 84) [74597] Re: stainless steel wire resistivity?
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Fri, 07 Jul 2000 23:25:01 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74514] Re: Gel Cell Battery question
Message-ID: <3966207D.C6186DE1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One more of those questions that really doesn't have a

simple answer.

The first question, how much power do you need?

How much duration do you want?

How much space and weight capacity do you have for batteries?

What are the environmental conditions, will the batteries need to survive dunking, or being turned upside down?

Now to the simplified answers.

Gell cell batteries are great for low and medium loads

and for applications that require a sealed battery.

Gell cells usually don't like fast discharging or charging.

Wet cell batteries are available in a wide variety of construction to give different results.

There is the SLA (starting, light, aux) or standard car battery, good for a quick burst of high power but not for long term discharging. Deep discharging a SLA is very bad for the life of the battery.

Deep cycle batteries are made for a lower rate of discharge for a longer time and are much more tolerant of being fully run down.

They (generally) do not do so well for very high current applications.

There are batteries that are a compromise between these and they are called ... deep cycle/starting batteries.

Then for those who need to pull LOTS of amps, need to be able to run the battery down and use it again and sometimes turn their batteries upside down there is the AGM. AGM is short for absorbed glass mat and makes power better than a wet cell, handles deep discharge better than a deep cycle and doesn't leak. The downside is increased cost,, but this is not as big a problem as it used to be.

These days lots of computer UPS use AGM.

Another source for small AMG batteries at a reasonable price is a trailer store. The brake away battery for my trailer (applies the brakes if the trailer disconnects from the truck) is a 12V 4 AH AGM. This sucker has to put out about 12 amps for 15 minutes, so it is a stout little battery.

Personally I like AGM, then gell cells and finally wet batteries when needed, like the SLA battery in my van, which is one of the deep cycle/starting batteries (and the biggest one available at WallMart) to operate the wheelchair lift and still start the engine.

Hope this helps.

michael N6CHV

Monte Stark wrote:

>
> Hi All,
>
> I can't find the answer to my question on the web so I
> am turning to you all.....
>
> Between the old "standard" lead acid wet battery and
> the new gel cell batteries, how do you determin the
> best use for each?
>
> Which is best (between those two choices) for a long,
> slow, light load and a short, fast load?
>
> Thanks,
>
> 73, Ron
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
>SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
>Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Fri, 7 Jul 2000 19:25:17 -0400 (EDT)
From: lujce@Lehigh.EDU
To: na5n@rt66.com
Cc: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [74515] Re: Meet the moderator
Message-ID: <200007072325.TAA200180@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Paul,

[...]

> designed so there would be no hidden or anonymous moderators! And I
> don't see why QRP-L should be the exception.

The manager@qrp.lehigh.edu address is to be shared by multiple managers.
It's not my intent to hide anyone, and I'll require that managers sign
their e-mail.

> If you go to Paul Valko's www.oakland site for the new QRP-L rules, there
> are links to 3 people if you have questions or to report a problem, with
> Chuck Adams listed as #1.

Chuck left the list quite some time ago, and I believe the e-mail address
on that page is no longer valid.

> So come on guys, quit screwing around with the subscribers of QRP-L.
> If you two want to be the sheriff's, fine ... but why all the secrecy?
> We have a right to know who's suddenly controlling this list AND WHY.
> Sheriff's don't just show up ... THEY ARE ELECTED OR APPOINTED. I see
> no reason why QRP-L has to have a secret society coup to control it.

For the past fix or six years I have killed threads when they were way
off-topic, I have moderated the list at times, I have shutdown the list
once or twice, and have ban a few people. There is no coup, I have been
the list owner since 1995. I no longer have the time to perform those
duties, develop new resources for QRP-L, and do the job previously performed
by Chuck. So I have *appointed* one list manager, so far.

Please note that the list manager is not a moderator, in the mailing list
manager software sense of the word. The manager does not review or edit
postings before they're distributed to the list subscribers. The manager's
job is to answer questions, remind people when a subject is too far off-
topic, post the FAQ, and bring to my attention matters that require more
drastic action. This is the job previously performed by Chuck.

[...]

> Having said this, I assure you I hold no grudges following this post,
> and will continue to contribute and support QRP-L ... and Chuck and Cla
> should they remain the moderators. Unless of course I don't see this
> post tomorrow morning, for which I will post it myself. I got the
> current list of subscribers via RECIPIENTS QRP-L, which now resides as
> an email distribution list. Real easy ... save the list of subscribers
> and use the UNIX command GREP *@* [filename].

I'm glad you will stay, and I hope I've set your mind at ease?

> 72, Paul NA5N
> QRP-L #38

73
Jim N3VXI
QRP-L #2

Date: Fri, 07 Jul 2000 19:46:25 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: nk7m@extremezone.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74516] Re: [OT] Are there any QRP-L members in Rhode Island?.....
Message-ID: <39666BD0.BF4B826F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes. K1JD

Tom, N1TP

Bob Hightower wrote:

> At 05:54 PM 7/7/2000 -0400, you wrote:
> >Sorry for the OT, but I'm planning to re-locate near the RI/MA border. I'm
> >looking for advice on towns, areas, etc. in RI that are antenna/ham
> >friendly. Any assistance would be appreciated.
> >
> Whatever you do, get on the RI side, and be very active :^)
>
> Bob Hightower NK7M
> Chandler, AZ
> SOC #20
> K2 #157/255
>
> <http://www.extremezone.com/~nk7m>

Date: Fri, 7 Jul 2000 19:44:04 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, Marshall Emm
<mgemm@ntechnologies.com>, "Michael A. Gipe" <mgipe@reliablemeters.com>,
Tom Palmer <n1tp@worldnet.att.net>
Subject: [74517] K0EVZ Log first draft
Message-ID: <200007071947_MC2-AB57-DC58@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Gang:

Well as promised, here is the log from last evening's FOX hunt. As always, please check this first draft and e-mail me with needed corrections for typos. Seems no matter how punctilious one is, errors inevitably creep in.

I would like to be send the final, updated log to Tom Palmer N1TP within two days, so please let me know of corrections ASAP. Thanks.

Remember, in this FOX hunt accuracy counts, so that everyone gets the proper credit towards the various awards being offered.

TIME(Z)	CALL	SENT/RCVD	S/P/C	NAME	#/PWR
0101	AB0GO	559/559	CO	Dave	785
0103	K5AAR	559/559	OK	Don	1512
0104	N4SO	559/559	AL	Ken	622
0106	N4ROA	559/559	VA	Dan	970
0106	NQ7X	559/559	AZ	Floyd	343

0107	W6ABC	559/559	CA	Jack	5 w
0107	AJ4Y	559/569	FL	Paul	1795
0109	N1FN	559/559	CO	ET	153
0110	NW7DX	559/599	WA	Ben	1892
0111	WJ1R	559/599	CO	Larry	2137

0112	NK7M	559/559	AZ	Bob	271
0112	W7QQQ	559/559	AZ	Jack	1210
0013	W5JAY	559/599	AR	Jay	1201
0016	WS4S	559/569	TN	Conard	993
0117	KC5LD	559/599	TX	Dan	2502

0119	KC6MC/5	559/449	NM	Jim	411
0120	W0CH	559/599	MO	Dave	618
0121	AF4PS	559/559	FL	Mike	704
0122	K8CV	559/559	MI	Walt	935
0123	K6VNX	559/559	CA	Arlen	5w

0125	W7ILW	559/559	AZ	Howard	2010
0125	K5OI	559/569	NM	Tim	73
0126	N6WG	559/559	CA	Bob	26
0127	KI0II	559/559	CO	Ron	928
0129	K5DI	559/579	NM	Karl	33

0130	K6JHP	559/599	TX	Bill	825
0131	N6GA	559/569	OR	Cam	22
0131	AE9F	559/559	CA	Dan	5 w
0132	N6JI	559/559	TX	Rich	1054
0134	N2CQ	559/559	NJ	Joe	399

0135	NV4V	559/559	KY	Pete	1721
0137	W1R0/7	559/559	NV	Jim	5 w
0138	WZ2T	559/599	NY	Rick	122
0139	AF4PS	559/559	FL	Mac	704
0140	KA5T	559/449	TX	Larry	89

0143	N6NU	559/599	CA	Andy	5 w
0144	N0RC	559/559	CO	Rod	1764
0145	AJ4AY	559/559	AL	Jay	1372
0146	N1TP	559/559	FL	Tom	1317
0147	K5UP	559/559	OK	Greg	21

0149	N5IB	559/559	LA	Jim	1913
0150	VA6RF/7	559/559	BC	Earl	1076
0152	N8ME	559/559	OH	Mark	2 w
0153	W4NJK	559/559	CA	Phil	2075
0155	W7MD	559/599	AZ	Damon	5 w

0157	K5ZTY	599/559	TX	Bill	473
0159	NK9G	559/599	WI	Rick	2061
0200	KB7WW	559/559	OK	Art	290
0202	W8DIZ	559/559	OH	Diz	1998
0207	KF2P	559/339	NY	Dick	13

0209	VA7NT	559/559	BC	Paul	20
0210	N8IE	559/599	OH	Dan	1404
0211	KE1LA	559/539	ME	Joel	765
0215	WB0HQV	559/559	MO	Jim	2100
0217	NM5M	559/559	TX	Eric	1824

0220	KB7MBI	559/559	WA	Alan	1299
0222	W7AQK	559/559	AZ	Dave	187
0223	WB6JBM/8	559/599	OH	Rick	1118
0226	WB8RCR	559/559	MI	John	1446
0228	K1QM	559/339	MA	Joel	337

0230	KC1FB	559/559	CT	Jim	29
0231	AF4LQ	559/559	KY	Mike	1395
0233	KB9BVG	559/599	IN	Brian	1540
0235	NK6A	559/569	CA	Don	1517
0240	AC7AC	559/569	OR	Ron	5 w

0244	KU7Y	559/579	NV	Ron	17
0249	N5ZE	559/339	TX	Lew	2178
0256	N6MM	559/579	CA	Harvey	5 w
0259	KA1DDB	559/559	MI	Ken	2064

That's it so far. Thanks again one and all for dropping by.
Be sure to pass the word to your QRP buddies to take part
in the Summer FOX Hunt. It is great fun, and there are
a lot of fabulous prizes just waiting to be claimed :-). Next
hunt is this coming Sunday evening...

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail = K0EVZ@arrl.net

Date: Fri, 07 Jul 2000 16:53:48 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74518] Re: Meet the moderator
Message-ID: <39666D8C.9002F752@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

NB6M@aol.com wrote:

>

> Cla & Gang,

>

> I agree whole-heartedly with Paul, NA5N on this one. If there is going to be
> a moderator for the list, then that moderator should be identified by name,
> call and email address and should be available to anyone on the list who
> wishes to discuss list issues with him or her, on a known, person to person
> basis.

Absolutely. Excellent post, and thanks much Paul.

Norm Melick

Date: Fri, 07 Jul 2000 17:02:35 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74519] Re: Meet the moderator
Message-ID: <39666F9B.BF885C0E@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cla KA0GKC wrote:

>
> Hello Gang,
>
> Yes I am the manager and I was appointed, Jim posted a message about it last
> week sans my name.

How can someone be "appointed" sans a name? More importantly, why?

> And we knew quite well that the header would contain the
> original poster and would be available to anyone for the looking that knows
> how.

How about the ones who didn't know how? What's the reasoning behind making someone dig for the man behind the post, as opposed to posting with the particular managers name, whoever they are?

> We could have consealed that quite easily as Jim has control of the Unix
> mail server. There was no "clock and dagger" stuff.

Then why didn't Jim post the managers name in his July 3, 2000 post.

> I wrote Paul yesterday after his original post and asked him to respect what we
are trying
> to do and let us try it. Apparently Paul decided it wasn't necessary and it was
for him
> alone to expose this "conspiracy."

If Jim had posted the managers name in is original post, there wouldn't have been any "conspiracy."
Thank you very much Paul, for shining the light of truth.

> The manager@qrp.lehigh.edu address was established to provide a means to appoint
more than one
> person to act in this capacity so during times of vacation, busy work
schedules, or when time to
> pass the hat others could step in and take over while providing a consistent
> guidance to the list coming from single source.

This is a well and good, but why do we have to guess who the other two "managers" are?

> This was explained to Paul as well in yesterdays email.

Explain to the rest of the list, please.

> Jim and I have been working on this and a couple other things for several months. Jim's schedule
> has been very busy and complicated by personal issues. Chuck Adams was the founder of this list but
> is no longer involved in it's management at his request. The rules on Paul
> Valko's site are a copy of the rules posted to this list. I wrote those rules
> for the up coming FAQ-O-Matic which is no secret as it was announced by Jim in
> a message a couple weeks back.

All I see is "I have been working on this and a couple other things for several months", and "I wrote those rules for the up coming FAQ-O-Matic". We lost a lot of QRP hall of famer's to this "I" word.

> I don't see where the links at the bottom of Paul Valko's QRP-L page says these
> are the three QRP-L contacts, maybe I missed something,

Here is the information that you are looking for:

"And finally, just like all good old west towns, we have only ONE sheriff. The designated list owner manager will do ALL the reminding and enforcing of the rules. < See that thing there? It's a PERIOD.
In short, postings from self appointed list police will get you unsubscribed faster then Wyatt Earp's draw!

ADAMS@TICNET.COM message to Chuck, K7QO - Founder of QRP-L
LUJCE@LEHIGH.EDU message to Jim, N3VXI - Admin of QRP-L server
PRVALKO@OAKLAND.EDU message to Paul W8KC - Nobody special"

> As to Paul NA5N's take on how the internet is supposed to work, I could care
> less. This is the QRP-L email list. Jim is the listowner and he and he alone
> decides how this works.

What an arrogant and egotistical attitude to take. I care, a lot of us care, and with your attitude, it's obvious where this list is headed. When the little 6 year old on our block said "it's my ball, play by my rules or I'll take my ball home", we sent him home and found a new ball, or a different game, sans the 6 year old.

> I have received quite a few emails after I posted the rules that were very
> appreciative and no negative responses to the rules.

Well, I'm not fooled. In any event please put my post in the

negative category.

> So far things are going pretty well. Off topic postings have dropped and the content has been more on
> target.

You're kidding, right? Have you been monitoring the same QRP-L list that I have?

> That's what we are looking for and so are those expert QRPers that no
> longer subscribe. Hopefully we can start to get them back.

Not with your and Jim's attitude.

> I apologise to anyone that seems offended by the way this was done, even Paul.
> But we will still use the manager address and you will need to check the
> header to know who it comes from until Jim decides differently.

Translation: All you guys who don't know how to verify who is posting "manager" messages, too bad. I don't care. We are going to do what we damn well want to. If you don't like it, tough. We will still use the manager address and you will need to check the header to know who it comes from until Jim decides differently. Just our way of showing you whose boss.

> I hope this clarifies things.

Sure did. To Jim, who I've sent three emails that remain unanswered, and to the anonymous managers of this list, no response to this post is needed or required. To quote Jim, I don't care to discuss it, and to Cla, KA0GKC, supposedly a "manager" of this list, I could care less.

Norm Melick

Date: Fri, 07 Jul 2000 17:50:04 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: KE4IOF@CitySpan.Net, QRP-L@lehigh.edu
Subject: [74520] Re: Meet the moderator
Message-ID: <39667ABC.39B8E380@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Mark. With all due respect, there is already an unmoderated QRP list at qth.net. It sees little traffic, as the best action has always been

here on QRP-L.

Yes, that will give back an unmoderated list, but it also will dilute the "brain trust" that we have enjoyed here for a long time.

Something similar was done in the DX world, when some members objected to an moderated list. I subscribe to both so as not to miss anything, but also get a lot of duplicate messages due to crossposting.

As far as what's happening on QRP-L, I have to say that I don't care much for the way this change occurred, nor for the answers given to Paul Harden. That's my 2 cents worth.

So, now I guess I'll be subscribed to *three* QRP lists. :-)

72 de Jim - AD6CW

"Mark A. Andrews" wrote:

>

> Hi Gentlemen. I like you have been a little concerned about the direction
> this list is taking, but not from the standpoint that it is getting "off
> topic", but from the standpoint that it is no longer unfettered. When I
> joined this list some 6 years ago, Chuck moderated it with great aplomb.
> Never did I see a post from him about a subject being "off topic" unless it
> dealt with the defamation of an individual or a thread started into a flame
> war.

>

> So, to offer a substitution, I give you this. I have created a new list -
> QRPFree - it will be moderated in the same fashion is Chuck moderated QRP-L,
> i.e.. very tolerant of content, with an iron fist on the flames.

Date: Fri, 7 Jul 2000 20:54:45 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [74521] Lots of neat stuff at
Message-ID: <a2.6ca6126.2697d5d5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

I am ususally one of the last folks to hear about good sites, deals ,etc.I=20
did happen upon a super site al new folks and many older ones too might find=
=20

beneficial. At Milestone Technology =20
<http://www.morsex.com/info.htm#Articles>
here ar a few of the topics covered:

CW - The Once and Future Mode, by N1FN=20

QRP - When Less is More, by N1FN=20

Control Panels for HB Equipment-- An illustrated tutorial by N1FN=20

"This Old Dipole" or "Dipole 101," a CQC construction workshop.=20

"The Art of Side-Swipery," by Jerry L. Bartachek KD=D8CA=20
How to use a "cootie key"=20

How to Adjust Morse Keys, Paddles, and Bugs=20

How to Set Up the Key-8 Keyer Paddle=20

N1FN Mini-Review: the Ten-Tec Model 1254 General Coverage Receiver=20

*****WOW*****"Electronic Construction from A to=20
Z"or=20

Everything you wanted to know about building stuff but were afraid to ask=20

"Learning and Using Morse Code,"by Bob Nellans, K9DE ex KB9DE ex WD9ABI=20

Date: Sat, 8 Jul 2000 02:03:53 -0700

From: "M05aaa00" <merryprankster@cwcom.net>

To: "Low Power Amateur Radio Discussion" <grp-l@lehigh.edu>

Subject: [74522] Re: Meet the moderator - OK

Message-ID: <018601bfe8bc\$38d28680\$01ce2cc3@houseqrx7neuap>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello all Bob here. I would like to be able to read information, ask questions and hopefully get good advice, about QRP / transistor radios / valve wireless sets / aerials / antennas / power supplies / audio / electronic switching / safety aspects / ideas / tips / hints / penny projects, what other folk are building. I quite like the odd joke, and a bit of useful general info, light trivia, virus warnings.

If need be I can, set up my mail server (Outlook Express) To direct my incoming mail messages, using message rules, to send them into different subject folders.

When I receive my mail, and if the people who have sent it to me, have put

in the subject line. One of the above mentioned subjects / topics. The mail would go to that subject folder.

Or if I didn't want to read about,, say,, JOKES then.

I set the message rule, to not download messages with subject lines containing the text JOKES.

So any subject line with JOKES in it, would be bounced.

If I want to see what is being written about, valves / tubes, or aerial's / antennas.

I would direct those messages to there delegated folder.

I would then open the relevant folder.

Maybe if, on the list. We had a selection of topics, to put in the subject lines of our messages, and in our mail server made matching folders?

It's probably to much trouble...M5B0B

Date: Fri, 7 Jul 2000 21:22:16 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [74523] Re: Lots of neat stuff at

Message-ID: <01ba01bfe87a\$f8f4a520\$0400a8c0@dadshp>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I had heard of that site before, but it's blocked at a lot of locations due to parsing of the morsex.com when 'sex' appears.

I took a look at it, and some things were neat. But I really found the OLD BOOKS interesting!

Railroad telegraphy....

My grandfather was a telegrapher with the PRR. Well, officially he was a 'leverman' who died before I was born, but in his stuff I got when I was in my teens in the 60's was an old brass key on a Bakelite base, and a 'telegraphers button'. I suppose he doubled as a telegrapher back then up around Altoona and Galitzen PA back in the 'prohibition' or just after days...

Mike

> I am ususally one of the last folks to hear about good sites, deals ,etc.I
> did happen upon a super site al new folks and many older ones too might
find

> beneficial. At Milestone Technology
> <http://www.morsex.com/info.htm#Articles>
> here ar a few of the topics covered:

Date: Fri, 7 Jul 2000 20:29:14 -0500
From: "Mike" <steam@corecomm.net>
To: <nilsbull@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74524] Re: Weird radio stuff you really don't need anyway
Message-ID: <003001bfe87b\$ee12e3a0\$9acfd6d8@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Geez, this isn't good.
72 mhz is the standard frequency band for Radio Controlled
aircraft here in the U.S.. It would certainly be dangerous if someone
started playing around with one of those rigs anywhere near
a flying field.

<><> ><<> ><<> <><> ><<> <><> ><<> <><> <><> ><
 Mike Pender Chicago N9IV0
 steam@corecomm.net <http://www.corecomm.net/~steam> =20
><<> <><> <><> ><<> <><> ><<> ><<> <><> ><<> ><<> <>

Date: Fri, 7 Jul 2000 20:34:31 -0500
From: "Pat Cahill" <n0adq@bresnanlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [74525] Re: moderator - back to qrp-1
Message-ID: <002601bfe87c\$aa9d7da0\$b8a049cc@mayo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

nuff said
Pat, N0ADQ

Date: Fri, 07 Jul 2000 20:36:15 -0500
From: "George , W5YR" <w5yr@att.net>
To: merryprankster@cwcom.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74526] Re: Meet the moderator - OK
Message-ID: <3966858F.14E2212D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

M05aaa00 wrote:

> Maybe if, on the list. We had a selection of topics, to put in the subject
> lines of our messages, and in our mail server made matching folders?
> It's probably to much trouble...M5B0B

That was tried once before, M5B0B (?) and didn't make the cut.

I asked that the additional topic of "General Engineering/Technical" be added to the list so that we could discuss such topics and was told "I'll think about it."

The original list was not revised as I recall, although it soon died a quick death after being almost completely ignored as unworkable. It is very difficult to devise a useful list of topics that will satisfy the needs and desires of over 3000 people from all over the world. It may be even more difficult to enforce it.

--

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Date: Fri, 7 Jul 2000 21:49:16 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [74527] power strip ideas?
Message-ID: <011401bfe87e\$ba934440\$a4d079a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for some ideas as to how to handle plugging multiple 12VDC devices into a common power source (most likely a battery) when operating

"in the field". Now, I don't mean backpacking or anything where weight or size is a major consideration. I go to local parks periodically with a couple of QRP buddies so I don't have that far to lug stuff.

Over the years, I have tried to commonize my power connectors in the shack with round, two-pin Cinch-Jones connectors -- males on the rigs, females on the power supply. The mass of wires converging on the power supply works OK at home, but somehow, that's not all that convenient when in the field. I don't like alligator clips on batteries because they always slip off. I had thought of making up a power strip of some kind -- maybe with banana jacks, maybe with panel mount Cinch-Jones connectors -- and hooking the strip to the battery then all the individual connections to the jacks (I say "all" -- it is the rig, maybe a keyer, maybe an LDG Z-11, etc.). Does anyone out there have some neat ideas?

Thanks,
Dave K8TRF

P.S. -- most of the batteries I use have what I call spade lug connectors, but I also might use a smallish lead-acid with the large round lugs (like a car battery).

Date: Fri, 7 Jul 2000 18:55:40 -0400
From: "Terres Family" <terresfm@ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74528] Re: Gel Cell Battery question
Message-ID: <005a01bfe866\$7a0ace60\$f382f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hi all,

one choice that was mentioned sometime in the past on this list is Wheel Chair batteries.

as i recall they were ok to take on airplanes but i am not sure of that and one ought to check before dragging one to the airport. last i looked, sears had them and they were in the 20-40 \$ range, don't recall any better than that.

maybe some one else knows more.

73/72

jerry aa1of franconia nh

Date: Fri, 07 Jul 2000 20:00:45 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [74529] Baluns and Management/Moderation
Message-ID: <B58BE76C.1805%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: quoted-printable

I had a couple errors in my post on baluns last night.

Roy Lewallen's balun article is in Antenna Compendium, not 2. That was a typo. I paid enough attention in typing class to learn how to touch type, but not enough to do it without errors :^). The further from the home row, the more problems.

I referred to the voltage balun forcing equal voltages on the balanced terminals and the current balun forcing equal currents on the balanced terminals. This is not correct, the voltage baluns force equal but opposite voltages on the balanced terminals and the current baluns force equal but opposite currents on the balanced terminals. This was a result of my hurried composition. My daughter was encouraging me to get off the computer so she could do her role playing game.

I hope that no one was inconvenienced by my errors. Sorry if you were.

I have several general comments about baluns that were prompted by the recent thread.=20

1. Several people commented that the bead balun is superior as bead baluns only see the unbalanced current. This is not unique for bead baluns, but is true for all current baluns, whether they are made with air cores, torroids=, or rods. The bead balun has no inherent performance margin here.

2. Others referred to one balun design or another as being better because they do not "saturate". Most, if not all, cores used at amateur power levels, even the legal limit, will not saturate. The cores will self destruct from overheating long before saturation occurs. This is stated explicitly in the Amidon=81 and Fair-Rite=81 catalogs. Overheating will probabl=y not be a problem with any reasonable core material at QRP levels.

3. An article by Roehm in Antenna Compendium 2 (no typo this time) suggested that the best way to use a balun with an antenna tuner is to float the tuner and feed the input through a 1:1 balun. The antenna is then fed through the normal output without a balun. This is not any better with respect to balance than using an antenna tuner with a balun at the output. Roy Lewallen has pointed this out in his analysis of 1:1 baluns on his web page, <ftp://eznec.com/pub/ibalun.txt>, and Witt confirmed this experimentally in an article in Antenna Compendium 5, "Baluns in the Real (and Complex) World". Others have posted these references on the list. I must confess that I was taken in by this suggestion and used this configuration for several years in LA. I made no measurements to validate the approach.

4. Several people asked how one side of the antenna can receive current from the feedline if we choke it off with a balun at the antenna. This is not obvious and I should have addressed it in the post. The reason is that the inside of the coaxial cable braid and outside of the coaxial cable braid are effectively insulated from each other (except where they attach to the antenna) due to the skin effect. RF currents only penetrate a short distance into conductors, and at HF, this distance is much less than the thickness of the coaxial braid. Hence the inside and outside of the coax are electrically independent. Without a balun you can use this model. Think of the inner conductor of the coax being connected to one side of the antenna, the inside of the braid to the other and a wire equal in length to the coax being connected to the same side of the antenna as the coax braid. This wire is the same length as the coax and is connected to ground where the coax is first connected to ground. The balun eliminates current in this wire. You can see how current in this wire robs current in the antenna and distorts the pattern. It is also evident with this model how the balun prevents these problems by eliminating the current in this wire.

5. I reread Lewallen's Antenna compendium article after I posted the note last night. There was a point in it of note that I had forgotten. He found improvement in feedline and antenna balance even if the balun was used at the transmitter/antenna tuner feedpoint. The improvement was not as much as if the balun was located at the antenna itself, but it was significant. So

if you have an antenna that is hard to get at to put a balun at the feedpoint you can locate the balun at the transmitter/tuner and get some of the benefit. This should be a help to those who use the SD-20 or DK9 push up masts to support dipoles/inverted vees. These typically cannot support the weight of a balun at the feedpoint.

I hope that this helps clear up some of the confusion I may have caused.

And now for something completely different.

I seldom participate in public arguments about list policy. They never are productive. But I hope that you will indulge me this once. I do not like what I have seen on the list since the manager posted his introduction.

I have been a member of this list and contributed (productively I hope) to it for nearly 6 years. When something came up that I did not like I ignored it. I tried to only write posts relating to technical or operating topics. If I had something that I thought might be off topic I added a clearly on topic subject to it. I have tried to treat others on the list as I would like to be treated. I try to "Praise in public and criticize in private". I have found these philosophies to be effective in dealing with most if not all of the problems that have come up on QRP-L. I suggest that others who have problems with posts on the list adopt it or some subset of it.

I appreciate and applaud Jim for hosting the list. Maintaining a list that is seamless is not an easy job and Jim does a good job of it. When Jim announced his intentions to bring managers on board to bring some order to the list I did not like it. But, I thought, the approach that Jim offered was good: a kindly Father Flanagan pulling aside those who offend list rules and counseling them in the preferred ways of the list and only harshly disciplining those who insist on continually offending the rules. This seemed to be a good approach if the list was to be managed/moderated as it would be largely transparent to those of us who behaved ourselves.

But when the manager posted his first introduction to the list, he chose the model not of a kindly priest offering counseling to offenders, but that of a vindictive wild west sheriff, Wyatt Earp, who had a reputation of justice at all costs and a disregard for "due process". "Gun fight at the OK corral vs. Boystown."

=20

The managing has been anything but transparent so far and appears to have resulted in many off topic posts, several by the manager.

=20

I am dismayed at this turn of events and hope that the Wyatt Earp analogy

was used mistakenly. None the less, we should not let this turn of events get us down and bring out the worst in us. Let us all pull together to get over the speed bump of instituting moderation and pull for a better QRP-L group because of our behavior, and not because of moderation.

I have attatched these comments to a technical post so that they do not clutter up the list. You can reply to the technical information on the list=
,
but please reply to my comments on list management/moderation to me privately. I do not want to be the casue of superfluous list traffic.

Thanks for letting me vent. I feel better already. This too will pass. - Dr=
.
Megacycle KK6MC/5

--=20
James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 7 Jul 2000 20:07:39 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [74530] Lists like QRP-L
Message-ID: <Pine.LNX.4.10.10007071947090.1734-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been seeing people advertise a new QRP list on this list and asking you and me to dump this list and subscribe to the new one. Let me shed some light on this.

You can if your on the internet start a new QRP list for free in about 20 minutes. I have the web page url saved here. So it takes almost no effort to start a new QRP List.

It takes a lot of nerve to send a message to this list asking everyone on it to leave. But that's what happened. You need to know what the new list will entail. The first problem will be that advertising will appear at the bottom of all messages you get. Then you will find there is no QRPfree number like the QRP-L # we have here. The really good people will not leave this list or even subscribe to the new one.

Unless QRPfree offers a lot more to a QRP operator than this list

you will be foolish to subscribe to the new one. According to the first message it will have no moderation. This is silly. Somebody has to tell a person who sends a message to the list trying to sell a Henry 2k3 amplifier that this is not good on a QRP list.

I subscribed to QRP-L a week ago. I was surprised to see some name calling and messages about non-QRP issues. I saw the list get moderated; that is when it takes several hours for your message to get from you to the list. I even got a message from the list saying one of my messages was not proper and was pulled. It was a technical problem with the automatic moderator...:-)

I am very happy to see that moderation was applied, it worked, and it's no longer applied. I plan to hang in here and enjoy talking to other people who enjoy QRP. I do hope that QRPfree fails quickly. In a hobby where the average age of the members goes up a year every year, we need to stick together.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 07 Jul 2000 19:39:03 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: dodgeboy@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74531] Re: power strip ideas?
Message-ID: <39669447.2C8C2278@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Since I don't backpack, I fooled around with the idea of a power center for all the stuff I need 12VDC for.

Radio Shack has a nice project box, I don't have the number, but it's about 8" wide, 7" deep, and has a sloping top panel. I used a spare power cable from a Kenwood rig, terminated in battery clips. The large ones.

The top row of the panel has four of the cigar lighter receptacles and a power meter.

Next is two rows of binding posts....top set is for positive and lower for negative. Four sets in all.

All of the gear I use can plug into one or the other type connectors/receptacles, and it takes up not too much space. It works quite well in my travel trailer or on my field bench.

I can e-mail a photo if anyone is interested.

Come to think of it, I think NK7M built one also, and might put it on his web page.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Fri, 07 Jul 2000 21:30:35 +0100
From: Brian <brian@iquest.net>
To: n0adq@bresnanlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74532] Re: moderator - back to qrp-l
Message-ID: <39663DEB.16FF04F8@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

R!

Pat Cahill wrote:

>
> nuff said
> Pat, N0ADQ

--

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Fri, 07 Jul 2000 20:04:07 -0700

From: Bob Hightower <nk7m@extremezone.com>
To: K2VUI@aol.com
Cc: qrp-1@lehigh.edu
Subject: [74533] Re: [Elecraft] Ft Tuthill 2000
Message-ID: <200007080300.UAA16609@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:07 PM 7/7/2000 -0400, Joe, K2VUI, wrote:

>Hi Bob,
>
>Do you think you might do the geographically-challenged among us (I never
>thought I was one of those, but obviously I'm wrong) a big favor and just
>tell us where the heck Ft. Tuthill is? I've heard of lots of places and
>hamfests here in the US and abroad, but I confess this is a new one on me.
>

Sorry for the omission, but I should have done this several times; Ft Tuthill is a County park, located just South of Flagstaff, Arizona. It is just at the junction of US Hiway 89 and I-17 (Pulliam Airport exit), and is in the tall pines. For those of you with a day or so to kill, or for those who want to spend a bit of time sightseeing, there are a couple of notable attractions close by, Walnut Canyon, which is a cliff dwelling ruin and is pretty cool (both temp-wise and sightseeing-wise), Sunset Crater, an extinct volcano with some small ice caves near it, and the beautiful Oak Creek canyon and the red rocks of Sedona.

So, if the hamfest/QRP doin's aren't enough, come on up and join us. From Phoenix, it's about a 2.5 hour drive North on I-17. From Flagstaff and I-40, about a 20 minute drive South.

More details can be found at <http://www.extremezone.com/~nk7m/qrp2000.htm>.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Fri, 7 Jul 2000 23:18:12 -0400
From: "Victor Blackwell" <victor@brechnet.com>

To: <henmel@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [74534] Re: Meet the moderator
Message-ID: <003801bfe88b\$271d6800\$4d5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is nuts!

First the bands have been trashed by geomagnetic storms and qrp operation has suffered.

Then we get a little bored and post a few interesting things to amuse ourselves.

Then the list "cops" scream.

Then we over react to that.

The cure is much worst than the "crime"

Sound familiar?

Sounds like the real world. Not our little piece of cyberspace.

Lets forget what ever it was we were screaming about and all go back to business as usual. The bands will get better soon.

Vic AD8K

Date: Fri, 07 Jul 2000 21:39:10 -0600
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-1@lehigh.edu
Subject: [74535] QRP stuff
Message-ID: <3.0.5.32.20000707213910.007ab4a0@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, let's see - worked Doc last night with my chirpy NC-20. Worked VP2EREN tonight (that's right, a 4 character suffix - that took me about 10 minutes of listening to confirm) on 14.023 about 0223. That's Jim in Anguilla, Leeward Islands - also with the NC20. Downloaded Grant's

(WD6CNF) CW Decoder program from the NorCal site (<http://www.fix.net/~jparkernorcal.html>) and it works! Just used the computer mike with accoustical coupling (shorthand for putting the mike close to the speaker)- no hard connections. Still waiting for my replacement SMK-1 parts (don't ask what happened to the broken transistor, capacitor, and the "lost" resistor!) Hoping to go to Ft. Tuthill this year. Even have 1st class accommodations arranged for if I make it (thanks Karl). Still have the K2 to get finished (although it's doing great as a CW only, still-in-the-pilot stage rig). Am resisting ordering a K1 at least until I get a few of these other kits done. Maybe I ought to sell a few - the QRP + and Ten Tec 505/405 combo too. Nah! Hope you are all having lots of fun! I'm off to San Diego tomorrow for 6 days - sans rigs. Oh well, they'll be here when I get back!

Tim K5OI
QRP-L# 73

p.s. Antenna is a 66' foot inverted vee fed with 300 ohm line, apex up 18 feet, ends at about 9 feet, all at my antenna challenged condo. The GAP Titan is still horizontal but I now have the new standoffs and wire to redo some connections. It should be back up in a year or two!

Date: Fri, 07 Jul 2000 20:44:30 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: nk7kt@worldnet.att.net
Cc: qrp-l@lehigh.edu
Subject: [74536] Re: power strip ideas?
Message-ID: <200007080341.UAA24899@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:39 PM 7/7/2000 -0700, you wrote:

>Since I don't backpack, I fooled around with the idea of a power center
>for all the stuff I need 12VDC for.

>

>Radio Shack has a nice project box, I don't have the number, but it's
>about 8" wide, 7" deep, and has a sloping top panel. I used a spare
>power cable from a Kenwood rig, terminated in battery clips. The large
>ones.

>

>The top row of the panel has four of the cigar lighter receptacles and a
>power meter.

>

>Next is two rows of binding posts....top set is for positive and lower

>for negative. Four sets in all.
>
>All of the gear I use can plug into one or the other type
>connectors/receptacles, and it takes up not too much space. It works
>quite well in my travel trailer or on my field bench.
>
>I can e-mail a photo if anyone is interested.
>
>Come to think of it, I think NK7M built one also, and might put it on
>his web page.
>

Yep, built it. It's at <http://www.extremezone.com/~nk7m/pwrctr.htm> for anyone interested.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Fri, 07 Jul 2000 23:44:44 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74537] FOX: da fox dat got away!
Message-ID: <3966A3AC.F6817E54@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I brought out the big guns for the first fox hunt of the summer; my trusty new Icom 746 with the power cranked down to the full QRP Gallon - 5 watts. There was one feature on this rig that I wanted just for the fox hunts; the band scope. I can equate the band scope on the rig to the difference between iron sights on a rifle and having a scope with night vision, it's that cool and it makes the hunt that much more fun.

But the big guns weren't enough... you have to know how to shoot to bag da fox!

So there I was, scoping around 14.060 at 0100z, no fox. But after a

while it looked like there was a little scuffle going in some bushes about 5khz down... down I go, crouching... THERE HE IS, I HEARD HIS CALL!!! turn the TX up about 500hz and FIRE!!!! Nothing.... THERE HE IS AGAIN, FIRE, FIRE... nothing, drat(!)... then he moved around a bit, wait, IT'S HIM, FIRE, FIRE!!! nothing, darn it! I tried for about an hour, but then he seemed to disappear completely. Sneaky little fox that Doc! FWIW, da fox was a good solid 579 here at the tip top of VT with a bit of QSB and some wonderful QRM from the hounds.

So, I missed the first pelt of the summer, but I have to say that the hour I hunted was the most fun I've had on the radio in a while. I really enjoy these fox hunts, let's not stop!!!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Fri, 7 Jul 2000 23:53:59 EDT
From: JClinton46@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [74538] tech help
Message-ID: <e3.6cac865.2697ffd7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have 2 requests for help.

1. After the discussion last week about connecting rigs to power in reverse (pos to neg) I found my uncle had done just that to his TenTec 1330. He is experienced (started building back in the mid fifties) but had connected it to a different power supply to check out the rig before a trip and accidentally let some smoke out. He cannot locate his schematic so doesn't know where to start troubleshooting. Does anyone have a suggestion for where to look first? Is there a TenTec reflector that might be of help?

2. I am installing a rig in my truck. One component will not be easily accessible to turn pwr on & off. I would like to set it up so I can turn supply power on and off to all components with one switch. No problem so far ... but I would like pwr to turn off automatically when the ignition/accessory is turned off (or when cranking the engine) and have to be

manually turned back on. I am doing this to minimize any voltage surges to my equipment during engine start.

My idea is to use a relay. A momentary contact switch would be used to energize the coil then a conductor from the relay "output" would continue to supply holding current. (kinda a "loop") If current was interrupted by shutting off the ignition, then the relay would open and would have to be manually reset. Another switch (normally closed) would be used to shut off power w/o cutting off the ignition. (hope this is understandable)

Questions. Do I need to put any resistance in series with the coil (assuming I use a 12V relay) so it won't draw too much current, burn up, etc.? Is there anything wrong with this method/is there a better way to implement it.

Thanks for your help.

Clint Poss
KE4FDT

Date: Fri, 07 Jul 2000 23:11:59 -0500
From: "George , W5YR" <w5yr@att.net>
To: john@neknetwork.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74539] Re: FOX: da fox dat got away!
Message-ID: <3966AA0F.41C64AE@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One can have the advantages of a Band Scope with any receiver, even the back-packing variety!

Just run a PSK31 program such as WinPSK, DigiPan or Zakanaka or the more general-purpose audio frequency analyzer Spectrogram using the waterfall display. Frequency is displayed across the display (X-axis) and time along the vertical dimension (y-axis). Signal loudness or level is displayed in the color of the waterfall. Takes almost 5 seconds to catch on and start using it like a pro.

With my Kachina set with the 3.5 KHz digital DSP IF filter I have an unfettered view of an entire 3500 Hz slice of the band. Hop on a desired signal of interest by either changing the dial setting to place the CW signal at the desired CW Offset - 700 Hz in my case - or use the IF Shift to move the passband of a narrow filter over the signal of interest if you are just listening.

I have gotten completely spoiled in the Fox Hunts with this panoramic display of the band segment of interest. It is amazing how much more 'sense' can be made of the baying of the Hounds when you can see just where they are calling relative to the Fox. And hopping on the last-worked Hound's frequency is child's play armed with such a tool.

Well, if all that works so great, why didn't I work Doc Thursday night? Guess I will have to appeal to a 119 signal most of the time for Doc and an S6 noise level plus QRN most of the Hunt. But once I had tuned him in for a 700 Hz offset, I could frequently SEE his signal on the waterfall when I honestly could not hear it well enough to copy.

Seriously, being able to see what is going on is an enormous advantage over trying to make sense out of the sounds in the passband. A low-tech approach, perhaps, but for rigs that do not feature the Band Scope (the Kachina does, but I much prefer the waterfall approach), simply tying the speaker output of your receiver to the mic or line input of the soundcard will do the trick.

The various programs I mentioned are all available free from various sources. If you are interested, drop me a note and I will supply references.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

John Wagner wrote:

I can equate the band scope on the rig to the
> difference between iron sights on a rifle and having a scope with night
> vision, it's that cool and it makes the hunt that much more fun.

Date: Sat, 8 Jul 2000 00:42:41 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: QRP-L Discussion Group <QRP-L@Lehigh.edu>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [74540] K0EVZ FOX log corrections

Message-ID: <200007080044_MC2-AB56-34BA@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain;

charset=us-ascii

Content-Disposition: inline

Gang:

Several have already written with typos. Will get them fixed before sending the final log to Tom Palmer N1TP. Please try to send me any remaining corrections by tomorrow noon, so I may forward the final log. Thanks again for making the first Summer FOX a great experience.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail = K0EVZ@arrl.net

Date: Fri, 7 Jul 2000 21:54:04 -0700 (PDT)

From: Jeremy Cooper <jeremy@baymoo.org>

To: qrp-l@lehigh.edu

Subject: [74541] Designing a WWVB Receiver

Message-ID: <Pine.BSF.4.21.0007071957460.6249-100000@simon.sfsu.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I want to design and build a WWVB (60Khz) timecode receiver from scratch, but I need some help. I know there are a great number of excellent RF gurus on this list. If you are interested in helping, please drop me a line. I will form a small mailing list of interested parties and periodically post updates on the project to this list.

WWVB Background

WWVB is a 60khz carrier amplitude modulated signal that transmits a 1 bit per second continuous binary code. The official specs describing the signal are in a document called 'NIST SP 432'. NIST SP 432 used to be on the web until a recent website reorganization at NIST appears to have hidden or lost it. The only important point that has any bearing on the radio design is that the signal reduces its carrier 10dB to signal a bit change.

Goal

My goal is to build a circuit which receives the signal and ultimately converts it to a TTL (0/5V) output.

Thank you for your help, I know this list is very busy.

Sincerely,
Jeremy Cooper
KE6JJJ

Date: Sat, 8 Jul 2000 00:57:50 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [74542] The list...no need to worry
Message-ID: <11.61c5261.26980ece@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/7/2000 7:06:59 PM Pacific Daylight Time, k5di@zianet.com writes:

<< The really good people
will not leave this list or even subscribe to the new one. >>

This is exactly right! i have formed several new lists, one even devoted to qrp dxing...i ended up with a few people who have stuck it out...but it was never intended to draw anyone away, and it most certainly has not! QRP-L will be around for a long time to come.

When i created those other lists i got a few sniper shots at me from people who thought i was going to disband the entire qrp-l list...even *I* knew that was an impossible concept. and things worked out just fine. However, i did not ask people to leave this one and i never left this one myself, and have no intentions of doing so...regardless of how i may enjoy what little my lists do offer, this one is the daddy. I asked Chuck beforehand if it was ok to advertise my new list on qrp-l.

In the end, getting worked up and overreacting to management and moderation will only cause dischord. this is a huge list, and like any town that grows...real police, not vigilantes, are needed to keep the peace. I myself see no change in things, and likely wont...i am willing to bet we will continue to see new kits, propagation forecasts, helpful hints...and complaints, just like usual.

Lets give Clayton a shot at this and see how he does...if he does great, we will know the system is a good one....if he chokes, we can tar and feather him like they used to do in the old west. :-)) i say lets be fair and see how this turns out.....ill put money on things being basically the same as usual.

73...Adam, N7YA

QRP-L 1608, SOC 143
DXer...cant help it!

Date: Sat, 8 Jul 2000 01:01:14 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [74543] Re: Meet the moderator
Message-ID: <24.769ca9d.26980f9a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/7/2000 8:17:56 PM Pacific Daylight Time,
victor@brecnet.com writes:

<< First the bands have been trashed by geomagnetic storms and qrp operation
has suffered. >>

Actually, i just worked RA4LW/2 on 15 at 0434z...ive been hearing some decent
DX on the air the last few days...its out there!

73...Adam, N7YA
QRP-L 1608, SOC 143
DXer...cant help it!

Date: Fri, 7 Jul 2000 23:08:51 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: myetsko@insydesw.com, qrp-l@lehigh.edu
Subject: [74544] Re: Lots of neat stuff at
Message-ID: <39666303.6359.2AB4CBA@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>I had heard of that site before, but it's blocked at a lot of locations
due to parsing of the morsex.com when 'sex' appears.<<

Which shows how silly the filtering software is. Every program I have looked
at (and I've looked at a LOT of them) will block sites that shouldn't be
blocked and pass sites that should.

I know it's beyond the control of a lot of hams (network supervisors at work,
for example), so there IS another way to get there that should not be blocked--

<http://www.MTechnologies.com>

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 07 Jul 2000 22:39:14 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74545] Re: The list...no need to worry
Message-ID: <3966BE82.1DA9E4DE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AdamN7YA@aol.com wrote:

>
> In a message dated 7/7/2000 7:06:59 PM Pacific Daylight Time, k5di@zianet.com
> writes:
>
>> The really good people will not leave this list or even subscribe to the new
one.
>
> This is exactly right!

Oh? QRP-F looks like it's doing really well.

Norm

Date: Sat, 8 Jul 2000 02:04:11 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [74546] Re: The list...no need to worry
Message-ID: <5b.839d26e.26981e5b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/7/2000 10:40:15 PM Pacific Daylight Time,
henmel@worldnet.att.net writes:

<< Oh? QRP-F looks like it's doing really well.

>>

Actually, i was refering more to the folks not leaving en masse for another qrp list and never returning to qrp-l...trust me, they ALL do really well at first, but then they ALL slow down..its just the nature of the beast. qrp-l numbers keep growing regardless and likely will continue to do so...im sure qrp-f will do the same. theres something for everyone.

By the way, im not back tracking...i have no problem with conflict, i just dont care to get into the negative side effects of all this...were just ham radio operators. i just like to play with my radios and talk to others who like to do the same...if people want to argue and fight about it, well thats when a moderator comes in and i step back. enjoy radio!

73...Adam, N7YA
QRP-L 1608, SOC 143
DXer...cant help it!

Date: Sat, 8 Jul 2000 02:19:51 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [74547] Got that F5BBD finally!
Message-ID: <ba.7d8050b.26982207@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For two years I chased after that F5BBD. Last nite actually chatted with him for about 25 minutes. It was extra special because I was outside in a tent getting ready for my backpacking trip and testing all the gear out. I am not too experienced at the camping stuff so wanted to try out the rig under controlled environment(smile).

The rig was the QRP + and Companion with the vertical halfwave (no radials just a 1/4 wave matching section as noted in earlier email) I have been yammering about. My report was a 559 but that held for almost 30 minutes starting 0530z. I was probably at the 4 watt level by that time of nite. Not sure if it was dumb luck or that new portable antenna

I was also testing out chemical sticks for lights. They work great and I get them free by the dozens at the place that services liferafts and survival suits. They normally toss out those chemical lights whe they expire. I now collect them-. They work better than those sold in fishing supply and camping stores.

Alan KB7MBI

Date: Sat, 8 Jul 2000 09:14:14 -0700
From: "M05aaa00" <merryprankster@cwcom.net>
To: <mgemm@ntechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [74548] Re: Lots of neat stuff at
Message-ID: <021001bfe8f7\$8ff9eb70\$01ce2cc3@houseqrx7neuap>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wish folk wouldnt put such good sites on here.
I was reading about morse till 4am = no sleep for us wicked folks.. Bob

Date: Sat, 08 Jul 2000 05:22:31 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Cc: qrp@qth.net, forsale-swap@qth.net
Subject: [74549] WTB: MXM xcvr in any condition
Message-ID: <20000708122231.70243.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wanted: MXM QRP xcvr, Model TXR-XX, any band, built/unbuilt, working,
non-working, missing parts OK. Could trade Wilderness SST, Wilderness NC40A
converted to 80M per the manual +/- cash depending on condition of MXM.
Other QRP stuff avaiailable.

Let me know if you have one you are not using.

Alan, N3BJ

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Sat, 08 Jul 2000 08:25:34 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74550] Re: Lots of neat stuff at
Message-ID: <39671DBD.E6EB940E@ix.netcom.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, Bob, look at it this way. If people didn't keep feeding this wonderful stuff we would have to dream up our own reasons for not doing the things we ought to be doing - like eating, sleeping, working, playing with the kids.

With this stuff coming in we can say "Hey, xyz said I should read this stuff. Do you want me to get behind. I have to read it."

Who can argue with that logic? (Well, actually my XYL but she knows I'll read it anyway.)

Michael

M05aaa00 wrote:

> I wish folk wouldnt put such good sites on here.
> I was reading about morse till 4am = no sleep for us wicked folks.. Bob

Date: Sat, 8 Jul 2000 08:35:26 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <nk7m@extremezone.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74551] Re: power strip ideas?
Message-ID: <008b01bfe8d9\$848f6300\$0400a8c0@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice power box!!

The one at:

> <http://www.extremezone.com/~nk7m>

I've not built that setup, but I have used the post setups. I was just going to point out that if you do elect to build that, it's a LOT easier if you make sure you buy the 'tandem' post that are already 'pre-spaced'. You can get close with single post, but slight misalignment when you plug in the molded tandem plugs can

be a pain.

The only problem with post is you CAN plug than backwards.

In the past, I've built 'strips' more along the line of an electric power strip. The connector I've sort of 'standardized' on is the 4-pin white molex. It's used already on ICOM and Alinco equipment. And it's available off the wall cheap at RS. And it's polarized. For really high power you can buy the 2-pin high power version. I used to make adapters from whatever rig I had to the white molex. Then my 'toolbox' carried a lighter plug to the molex. And some "Y" splits I made up of the connectors. And the cars I had at the time all had at least two of them 'under the dash' kind of thing.

I also made up a 'strip' that had fuses in the back, and battery clamps on the end of a 10ga wire with a big inline fuse.

Whatever works... (But I DO like how that box turned out!)

Mike

Date: Sat, 8 Jul 2000 08:39:45 -0400
From: tailfeathers@juno.com
To: qrp-l@lehigh.edu
Subject: [74552] Tentec 1380 freq adjustment?
Message-ID: <20000708.083947.-4073461.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Guys! I started building a Tentec 1380 rig a couple days ago and things are going nicely but.....In adjusting the final frequency you are to tighten or loosen the coils on the vfo coil. Well? I have them as tight as I can get them and I can't seem to get the vfo frequency anywhere near where I want it. My vfo frequency is 4515.00 to 4585.00 and thats above the range listed. I need to increase inductance with something other than my finger. :>) The size of the toroid hardly gives you any room to work with. I remember someone talking about this last winter but that was before I owned a 1300 series rig. Any Ideas?

Gary
n8gsj

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 08 Jul 2000 05:40:01 -0700
From: Brian Chesire <BCChesire@worldnet.att.net>
To: jeremy@baymoo.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74553] Re: Designing a WWVB Receiver
Message-ID: <39672121.5275D7A5@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There was a three part series in "73" mag, Jan-Mar 1994, that had a WWVB receiver and an oven controlled oscillator. I built both and they worked. If you can't find a copy I'll send you one.

73's Brian

WA5PPO, Tucson, AZ

Date: Sat, 8 Jul 2000 08:01:56 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "QRP-1" <qrp-1@lehigh.edu>, <tailfeathers@juno.com>
Subject: [74554] Re: Tentec 1380 freq adjustment?
Message-ID: <000e01bfe8dc\$b81b28a0\$0200000a@mcg.net>

Hi Gary,

From: <tailfeathers@juno.com>

| My vfo frequency is 4515.00 to 4585.00
| and thats above the range listed. I need to increase inductance with
| something other than my finger. :>)

I don't have one of these but I can hazard a good guess. You will either need to add one turn to the VFO toroid or add a small NPO capacitor across it or the tuning capacitor. Either way should get you there. Perhaps someone that has faced this problem will chime in with a definite answer.

GL and 73 de Cla KA0GKC

Date: Sat, 8 Jul 2000 07:16:47 -0600
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Subject: [74555] OT: Routes to Ft. Tuthill
Message-ID: <20000708.071648.-1017549.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Several people have asked me about flying into Albuquerque & driving west to Ft. Tuthill on I-40. I would encourage you to fly direct to Flagstaff, since the airport is directly across US-89 & I-17 from Ft. Tuthill or into Phoenix, a 2.5 hours drive on I-17.

The Amtrak ride to Flagstaff is very scenic. You get to see a lot of the Southwest US.

Albuquerque has completely destroyed the intersection of I-40 & I-25.
Hint: seek another route.

<http://www.kobtv.com/big-i/>

C U in Ft. Tuthill, AZ the last weekend in
July...Jay, WA5WHN DM65qd Albuquerque, NM USA

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 08 Jul 2000 09:25:01 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1@lehigh.edu
Subject: [74556] Re: tech help
Message-ID: <3.0.6.32.20000708092501.007986a0@vmsspop.rit.edu>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:53 PM 7/7/00 -0400, you wrote:

>My idea is to use a relay. A momentary contact switch would be used to
>energize the coil then a conductor from the relay "output" would continue to
>supply holding current. (kinda a "loop") If current was interrupted by
>shutting off the ignition, then the relay would open and would have to be
>manually reset. Another switch (normally closed) would be used to shut off
>power w/o cutting off the ignition. (hope this is understandable)

Clint,

Sounds like a good idea. My dad used to use a similar setup to switch his teletypes between two power supplies - the current from the primary supply would hold the relay closed, and if that supply failed the relay would switch over to the backup supply.

>Questions. Do I need to put any resistance in series with the coil (assuming
>I use a 12V relay) so it won't draw too much current, burn up, etc.?

No. A relay with a 12-volt coil is meant to be connected to a 12-volt source. You need to make sure your switches can carry the coil current drawn by the relay, but that should be less than an amp. (Unless you're using a HUGE relay!) Also, make sure the relay contacts can carry the current drawn by your equipment.

Dave

Date: Sat, 8 Jul 2000 09:44:15 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <JClinton46@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74557] Re: tech help
Message-ID: <001401bfe8e2\$9f7410e0\$0400a8c0@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This 'flavor' of setup was used back in the late 70's by a lot of TRS-80 people. The 'Model 1' could spike disk or even be damaged if the power 'glitched'. So a number of hobbyist used to set up power strips that had a 'push on' button. This would apply power to a relay in series with the power strip.

However, the strip side of the relay was ALSO fed back to the coil. Essentially hitting the 'on' button caused the relay to 'pull in' and it would provide it's own power to hold when you let go of the 'on' button.

Any power glitch would let the relay 'fall out' and it would open, requiring a manual 'on' cycle again. (Although I saw one that had a 'one shot' that would recycle after a number of seconds!)

To power off, a second button, normally 'closed' was also in series with the coil winding, and pressing this would cause the coil to open and power off.

You can do the same thing for 12v. One thing to consider though is what you alluded to, a series resistor. If you're concerned about the coil getting 'too warm', you can always limit the holding current. Most relays take MUCH more 'oomph' to 'pull in' then they do to 'hold in'. But be aware that in a car environment any mechanical bumps and jars could cause the relay to 'drop out' without a strong 'hold in'.

Finally, if it's 'acceptable' in your application, consider solid state. And SCR for the switch. If the forward drop through the SCR or it's current limit is not acceptable, consider designing a circuit that uses the SCR strictly to 'hold in' the relay. Tag the gate on the SCR and it should STAY latched on unless there is a 'drop'. And you can 'fool' the SCR so that it detects a starting voltage drop and opens.

I use SCRs for detecting flaky circuits all the time, which is similar to what you want. I had an alarm system in a store once that kept triggering, so I put an SCR on EACH loop with an LED. I triggered it and then came back later to see which LEDs were on and off. The off one was the one that caused the problems!

As to your question about burning up the relay, if you use relays designed for 'fog lights', they are cheap, handle gobs (that's a technical term!) of current, and are designed to be operated for long periods. Even in an engine compartment at elevated temperatures. So they shouldn't have problems. You can find them at auto stores, or at RS.

Mike

>My idea is to use a relay. A momentary contact switch would be used to
>energize the coil then a conductor from the relay "output" would continue
to

>supply holding current. (kinda a "loop") If current was interrupted by
>shutting off the ignition, then the relay would open and would have to be
>manually reset. Another switch (normally closed) would be used to shut off
>power w/o cutting off the ignition. (hope this is understandable)
>
>Questions. Do I need to put any resistance in series with the coil
(assuming
>I use a 12V relay) so it won't draw too much current, burn up, etc.?

Date: Sat, 08 Jul 2000 10:02:30 -0400
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: "qrp-l mail" <qrp-l@lehigh.edu>
Subject: [74558] Re: Power Strip Ideas
Message-ID: <200007081401.KAA29250@smtp10.atl.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The Amateur Radio Emergency Service (ARES) has long recommended two-pin Molex style power connectors so that, in an emergency, everyones portable equipment and power sources will be compatible. The site below details the use of these connectors and gives both Molex and Radio Shack part numbers.

http://www.aresva.org/library/molex_plugs.html

Bill - K4AHK

Date: Sat, 08 Jul 2000 14:18:58 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74559] Re: Power Strip Ideas
Message-ID: <3966F202.EECF1F6F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I love standards, there are so many of them to choose from.
:-)(

Of course the ARRL has the smaller version listed in the handbook,
1997 handbook page 22.6, fig 22.13.

Then there is the "Sermos" connectors that are far better.

It still doesn't matter what you choose, you will need adapters if you are going to connect to other peoples equipment.

michael N6CHV

"William K. Harding" wrote:

>
> The Amateur Radio Emergency Service (ARES) has long recommended two-pin
> Molex style power connectors so that, in an emergency, everyones portable
> equipment and power sources will be compatible. The site below details the
> use of these connectors and gives both Molex and Radio Shack part numbers.
>
> http://www.aresva.org/library/molex_plugs.html
>
> Bill - K4AHK

Date: Sat, 08 Jul 2000 10:27:06 -0400
From: Tom and Roxy <zikot@erie.net>
To: qrp-l@Lehigh.EDU
Subject: [74560] PA QRP-L MEMBERS
Message-ID: <3.0.5.32.20000708102706.007d7a30@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Are there any QRP-L members in Pennsylvania, especially near Erie, PA?

73's es gud DX!

Tom & Roxanne
WA1VAI/3
Erie, PA.
73's es gud DX!

Tom & Roxanne
WA1VAI/3
Erie, PA.

Date: Sat, 8 Jul 2000 09:26:16 -0500
From: "Mike D." <hrq@cifnet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74561] RE: power strip ideas?
Message-ID: <000701bfe8e8\$79e3eb60\$49ad4ec6@mike1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

http://www.mfjenterprises.com/station/mfj1112_6.html

<http://www.mfjenterprises.com/station/mfj1118.html>

73 de Mike, N9BOR
FISTS NR 4594 SOC # 116
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.
My designated driver is a 12BY7A.

What's ur vector, Vector?

Date: Sat, 8 Jul 2000 10:34:01 -0400
From: "Al Gritzmacher AE2T" <ae2t@bigfoot.com>
To: sfox@egroups.com, qrp-1@lehigh.edu
Subject: [74562] Summer FOX for Sunday 7/9 AE2T
Message-ID: <200007081433.KAA139214@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang, Hounds and Foxxii,

I'm honored to be the Summer Fox this Sunday afternoon at 2000 UTC. The Winter Foxhunts were a blast and this should be just as much fun with maybe a few twists due to the different band.

Please look for me 7/9 2000 UTC near 14.060 kHz. I don't plan any unusual tactics different from the past Foxhunts. Please spread out, as I will use my RIT liberally. Call ONCE, listen and call again only if you're sure someone else is not transmitting. Please remember there may be stations you can't hear that I may be in QSO with.

I will send my QSO information frequently, but not necessarily every QSO in accordance with the hunt rules. Please copy along ahead of time and have my info already.

I'll be using the K2 into a Cushcraft A3S tribander at about 45 feet.
A very 'typical' station - no contest superstation. But I hope to hear
and work a lot of Hounds, so get on and give me a call, you'll be
rewarded with a pelt!

72,

Al AE2T
QRP-L #1664, NY
Al Gritzmacher, AE2T
ae2t@arrl.net

Date: Sat, 08 Jul 2000 10:36:10 -0400
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: "qrp-l mail" <qrp-l@lehigh.edu>
Subject: [74563] ICOM Ham Survey
Message-ID: <200007081434.KAA17809@smtp10.atl.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

This information was forwarded to me by another ham. It has a question
selection with a choice preference for QRP equipment. Here's a chance to
tell a major manufacturer that we are interested in them producing stuff for
folks like us.

Bill - K4AHK

- - - - -
> Date: Sun, 2 Jul 2000
>09:10:03 -0600
>
> Attention all HAM RADIO OPERATORS!
>
> Have you ever wished the manufacturers would listen to your
> requests????
>
> Well here is your chance! ICOM America, Inc has announced a ham
> survey:
>
> <http://www.icomamerica.com/amateur/survey.html>
>
> ICOM America, Inc. is asking for your input regarding your operating
> habits, gear, station and other items.

>
> Don't have an ICOM ? No problem; we just want to hear from you.
>
> Although haste makes waste, the site will be live for only 10 days.
>
>
> 73 de ICOM America
> <http://www.icomamerica.com>
> ICOM Radios. Simply the Best.

Date: Sat, 8 Jul 2000 10:36:08 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [74564] QRP-L messages?
Message-ID: <26.7c5f683.26989658@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have noted two things with the list recently:

(1) not all the messages that appear on QRPL are arriving in my mail--is it just my mail, AOL related or list server related?

(2) the dates and time on the messages that are in the archives appear to be dated wrong

Alan KB7MBI

Date: Sat, 8 Jul 2000 13:50:58 +0100
From: wd3p@juno.com
To: mgemm@mtechnologies.com, qrp-l@Lehigh.EDU
Subject: [74565] Re: Lots of neat stuff at
Message-ID: <20000708.144340.-496169.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Fri, 7 Jul 2000 23:08:51 -0600 "Marshall Emm"
<mgemm@mtechnologies.com> writes:

> have looked
> at (and I've looked at a LOT of them) will block sites that
> shouldn't be
> blocked and pass sites that should.
>

I still want to the filtering stuff for the kids. I got it after the 10 yr old found one of the sites you don't want your kids at because she guessed at a name thinking she might find some interesting girl stuff there and reported her findings to us.

I won't mention the software I use but any good stuff lets the person in control change the preferences. In short I am restricted from certain sites based on the controls the guys who put out the software maintain. However I can also block any site I want to and I can allow access to any of the sites they choose to block. So yes it takes a bit of work but I do have complete control of what comes in to the house. So moresex.com is no problem.

Yes they don't work perfectly but I see it as better than the alternative. One other thing I would add is that I can set the controls separately for each person. Each has their own password. If I want I can set it up for myself so there are absolutely no controls. Then I only have to deal with the kids when they want to get into a blocked site. I get to see the site and determine if I'll let them go there.

73 de Larry.....WD3P in MD

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 8 Jul 2000 13:54:27 +0100
From: wd3p@juno.com
To: dodgeboy@mindspring.com, qrp-1@Lehigh.EDU
Subject: [74566] Re: power strip ideas?
Message-ID: <20000708.144340.-496169.1.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Fri, 7 Jul 2000 21:49:16 -0400 "Dave Benham" <dodgeboy@mindspring.com> writes:
> I am looking for some ideas as to how to handle plugging multiple

> 12VDC
> devices into a common power source (most likely a battery) when

One thing I have standardized on for the QRP stuff is a direct connect to a little fuse box. The fuse box I build myself from one of the radio shack kit boxes. Input is at a set of banana plugs. Output is a series of 12v connectors. I use the 2.5 - 5.5 mm connectors. Now if I get a new rig or piece of equipment I just have to get a male 2.5 - 5.5 plug to go into the box. Many times I already have a power cord I can use from another rig. Each output is fused separately. The bigger the box the more lines you can put into it. I even went so far as to put a power switch on one of the boxes.

73 de Larry.....WD3P in MD

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 8 Jul 2000 08:06:02 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74567] RE: ICOM Ham Slavery...er, Survey
Message-ID: <001a01bfe8ee\$09552a20\$41231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Marketing fluff...what they really need is a blank space for comments so I can ask WHY my
IC-775DSP is still at their service department after almost 2 months. And why
every time I call, they say 'DAN?', and I explain no, I'm 'JOHN', the other Nicholson. I wonder if Dan is waiting too...

...or maybe he's enjoying a nice IC-775DSP.

73 John K7FD

PS. Stick w/ a K2, NC40a, DSW20, etc., and 1) you can fix it yourself, and 2) not wonder where your rig is for two months...DON'T BE A SLAVE TO YOUR RADIO, fight back and build a kit!

Date: Sat, 8 Jul 2000 05:16:42 -1000
From: "Daniel" <hamop@pixi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <cqdx@teleport.com>
Subject: [74568] Re: ICOM Ham Slavery...er, Survey
Message-ID: <200007081515.FAA07703@phoenix.pixi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Now, that's what I'm talking about... A fixed radio at no further expense
or wait and you really do KNOW your radio, inside and out.

Daniel AH7MI

> From: K7FD-N7SG
>
> PS. Stick w/ a K2, NC40a, DSW20, etc., and 1) you can fix it yourself,
and
> 2) not wonder where
> your rig is for two months...DON'T BE A SLAVE TO YOUR RADIO, fight back
and
> build a kit!
>

Date: Sat, 8 Jul 2000 11:15:35 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k4ahk@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74569] Re: ICOM Ham Survey
Message-ID: <004201bfe8ef\$892fc420\$0400a8c0@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I just took the survey. You can tell where they're going!!

My impression now, but...

It's NOT an 'open ended' survey to find out what HAMS want,
it geared to see if they're 'justified' in a new radio with DSP,
color display, 200W, and multi-band, like a 706 on steroids.

Mike

> This information was forwarded to me by another ham. It has a question
> selection with a choice preference for QRP equipment. Here's a chance to
> tell a major manufacturer that we are interested in them producing stuff
for
> folks like us.

>
> Bill - K4AHK

>
> - - - - -

>
> > Date: Sun, 2 Jul
2000

> >09:10:03 -0600

> >

> > Attention all HAM RADIO OPERATORS!

> >

> > Have you ever wished the manufacturers would listen to your
> > requests????

> >

> > Well here is your chance! ICOM America, Inc has announced a ham
> > survey:

> >

> > <http://www.icomamerica.com/amateur/survey.html>

> >

> > ICOM America, Inc. is asking for your input regarding your
operating

> > habits, gear, station and other items.

> >

> > Don't have an ICOM ? No problem; we just want to hear from you.

> >

> > Although haste makes waste, the site will be live for only 10 days.

> >

> >

> > 73 de ICOM America

> > <http://www.icomamerica.com>

> > ICOM Radios. Simply the Best.

>

Date: Sat, 8 Jul 2000 10:24:45 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <k4ahk@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [74570] Re: ICOM Ham Survey

Message-ID: <003901bfe8f0\$a84ee100\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some interesting questions on the survey. Looks like Icom has been looking at the pending release of Yaesu's MARK-V FT-1000MP. Wonder if they're wanting to upgrade the 756PRO?

Don't need the 200 watts. Wonder how well it powers down to <5 watts?

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC#198
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: William K. Harding <k4ahk@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, July 08, 2000 9:36 AM
Subject: ICOM Ham Survey

> This information was forwarded to me by another ham. It has a question
> selection with a choice preference for QRP equipment. Here's a chance to
> tell a major manufacturer that we are interested in them producing stuff
for
> folks like us.
>
> Bill - K4AHK
>
> - - - - -

Date: Sat, 8 Jul 2000 08:35:25 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74571] Re: Got that F5BBD finally! (Antenna Comments)
Message-ID: <20000708153525.26788.qmail@web3005.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Congratulations Alan!

You didn't mention what band you were on but I bet that end-fed halfwave vertical fed with 1/4 wavelength of parallel line was doing the trick for you.

I've mentioned on the list previously how my end-fed halfwave outperformed a horizontal 20m dipole during tests at Field Day for just about all contacts. I use "lumped" components to effect a match to coax but electrically it is the same as yours. Of course what we have is electrically the same thing as a J-Pole like is often used on VHF. The bottom section of the J-Pole is your parallel transmission line. I've never seen anyone put radials on a J-Pole but VHF would be a good place to see if there is really anything to be gained by doing so, especially since just about all VHF signals arrive at very low angles (except for maybe satellite and sporadic-E) and this would simulate HF DX performance. There has to be some unbalance in a j-fed system and I would have theorized that it would give you a lot of problems. In reality I have built several J-Pole antennas for VHF and they have always performed better than supposedly gain commercial antennas.

As a side note, I used to use an AEA "Hot Rod" antenna on my 2m HT. This is exactly the same as the end-fed halfwave I use on HF tuned with "lumped" components. When compared to the common telescoping 5/8 wavelength antennas the "Hot Rod" always performed much better even though it was shorter. The 5/8 wavelength antenna DOES require a ground plane in order to realize the advertised gain but this seldom can be accomplished on an HT. Without the required ground plane for the 5/8 wavelength antenna the angle of radiation and possibly the match will not be what is expected. On VHF any antenna that requires you and your HT to become part of the antenna probably isn't going to work all that well.

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

Do You Yahoo!?

Get Yahoo! Mail Free email you can access from anywhere!

<http://mail.yahoo.com/>

Date: Fri, 7 Jul 2000 22:28:29 -0600

From: "Rod, N0RC" <n0rc@qsl.net>

To: "qrp-1" <qrp-1@Lehigh.EDU>

Subject: [74572] Re: power strip ideas?

Message-ID: <00b201bfe8f3\$087efc20\$958611d8@compaq>

MIME-Version: 1.0

Content-Type: text/plain;

 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Dave Benham <dodgeboy@mindspring.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, July 07, 2000 7:49 PM

Subject: power strip ideas?

> I am looking for some ideas as to how to handle plugging multiple
12VDC

> devices into a common power source (most likely a battery) when
operating

> "in the field". Now, I don't mean backpacking or anything where
weight or

> size is a major consideration. I go to local parks periodically
with a

> couple of QRP buddies so I don't have that far to lug stuff.

>

> Over the years, I have tried to commonize my power connectors in the
shack

> with round, two-pin Cinch-Jones connectors -- males on the rigs,
females on

> the power supply. The mass of wires converging on the power supply
works OK

> at home, but somehow, that's not all that convenient when in the
field. I

> don't like alligator clips on batteries because they always slip

off. I had
> thought of making up a power strip of some kind -- maybe with banana
jacks,
> maybe with panel mount Cinch-Jones connectors -- and hooking the
strip to
> the battery then all the individual connections to the jacks (I say
"all" --
> it is the rig, maybe a keyer, maybe an LDG Z-11, etc.). Does anyone
out
> there have some neat ideas?
>
> Thanks,
> Dave K8TRF
>
> P.S. -- most of the batteries I use have what I call spade lug
connectors,
> but I also might use a smallish lead-acid with the large round lugs
(like a
> car battery).
>

Date: Sat, 08 Jul 2000 12:16:26 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: zikot@erie.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74573] Re: PA QRP-L MEMBERS
Message-ID: <396753D9.E8C58A22@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some Pa. resident members are:

W3AO, KA3WMJ and W3YSI.

Tom, N1TP
Naples, FL.

Tom and Roxy wrote:

> Are there any QRP-L members in Pennsylvania, especially near Erie, PA?
>
> 73's es gud DX!
>
> Tom & Roxanne

> WA1VAI/3
> Erie, PA.
> 73's es gud DX!
>
> Tom & Roxanne
> WA1VAI/3
> Erie, PA.

Date: Sat, 8 Jul 2000 10:28:40 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74574] Re: power strip ideas?
Message-ID: <01d801bfe8f9\$959c1c40\$958611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SRI abt the last garbage post. Cockpit problems resulting from mail client changes do to recent ISP change.

73, Rod

----- Original Message -----
From: Dave Benham <dodgeboy@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, July 07, 2000 7:49 PM
Subject: power strip ideas?

> I am looking for some ideas as to how to handle plugging multiple 12VDC
> devices into a common power source (most likely a battery) when operating

Anderson Powerpole connectors. You can see them at
<http://www.dcpwr.com/info.html>

The Powerpole connector is about 1/4" x 1/4" x 1" and comes in many colors, I use just black and red. The nice thing about Powerpole is that they attach together with "slide" locks molded in the plastic. You can stack & lock them side to side, top to bottom, to create an "array" of connectors. The web site above shows this better than I can explain it.

There is also a "shell" for the connectors that can be panel mounted. So mount a shell in a minibox, fill it with connectors, buss them together and take the buss to a battery or power supply. They work great.

FWIW: I have made up several "pigtail" cables, all have a red & black Powerpole pair on one end. The other ends have coaxial connectors of different sizes, battery fast-ons, alligator clips, cigarette light plugs...you name it. So for any radio/pwr source combo, I can quickly hook things up with the proper pigtail pair.

I learned about these connector from a similar post that I made about 1 year ago. I expect you will hear from others also recommending Powerpoles. They've become quite popular among ARES groups.

Hope this helps, GL.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Sat, 8 Jul 2000 12:55:53 EDT
From: NB6M@aol.com
To: tailfeathers@juno.com
Cc: qrp-1@lehigh.edu
Subject: [74575] Re: Tentec 1380 freq adjustment?
Message-ID: <c0.614ccbe.2698b719@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gary,

You could rewind the toroid with smaller wire, which would allow for more turns. Or, you could add an NPØ Capacitor in parallel with the other paralleled NPØ caps in the VFO tuning circuit.

I don't have a circuit diagram for the 1380, but the circuit I have for a 1330 shows two 150 pf and a 39 pf, all NPØ types, in parallel. Either one of those, if your circuit is similar, could be changed for a higher value cap to give a lower frequency range. Or add another NPØ type in parallel with them.

The VFO range shown for the 1330 is 4.168 to 4.218, and that is with a T44-6 with 29 turns.

72
Wayne NB6M

Date: Sat, 8 Jul 2000 11:12:44 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [74576] Re: ICOM Ham Survey
Message-ID: <1.5.4.16.20000708111007.1a474fac@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Did anyone notice that the 30m band was missing from the survey,
also missing a general comment box.

72 de Niels
VE6NJK/TF3NJ

Clgary, AB
CANADA

>Well, I just took the survey. You can tell where they're going!!
>
>My impression now, but...
>
>It's NOT an 'open ended' survey to find out what HAMS want,
>it geared to see if they're 'justified' in a new radio with DSP,
>color display, 200W, and multi-band, like a 706 on steroids.
>
>

Date: Sat, 8 Jul 2000 13:18:10 -0400
From: "Joe Trombino" <w2kj@earthlink.net>
To: <QRP-L@lehigh.edu>
Subject: [74577] New Email address
Message-ID: <005e01bfe900\$7e547800\$8a52fc9e@earthlink.net>

Hello fellow QRP'ers:

I now have a new email address <mailto:w2kj@earthlink.net>

For: K2JQ and N3BYY...when switching email programs I lost all of my addresses and outgoing messages...if you have email to send to me please use new address above.

Hope my email parameters are correct..using new program...shut off html so hope all is OK.

Good to be back on the QRP-L...being off for only a couple of days felt as if I had lost a good friend.

Enjoy the hobby and keep on QRP'ing.

72, Joe W2KJ

I QRP, therefore

I am

Date: Sat, 8 Jul 2000 10:30:29 -0700
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [74578] Re: power strip ideas?
Message-ID: <005801bfe902\$36b98ec0\$98f0fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave

At home and in the field, I use a small aluminum box with about a dozen female phono connectors on its front panel. I also have a red LED and an ON/OFF switch. This provides me with plenty of outlets for various bits of equipment. All my accessories have phono plugs on their power cords. A single power cord with heavy duty alligator clips goes to whatever battery I elect to use.

It's been working fine for the last four years now.

72, Bob N6WG

Date: Sat, 08 Jul 2000 13:39:31 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k4ahk@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [74579] Re: ICOM Ham Survey
Message-ID: <39676753.755A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill and all,

One point that should be made here. At one time almost every Japanese radio wa available in both QRP and QRO versions. The Japanese rules called for novice transmitters that ran less than 10 or 15 watts PEP. Remember back to the 1980's, and teh Kenwood TS-120V and -130V or the Yaesu FT301D series radios. They were essentially the QRO radios that had 10 watt PEP final stages. I have both of them and find there a very nice QRP alternative.

Icom may still market these radios and aer just looking to see if there is an American market for htem!

73

Date: Sat, 8 Jul 2000 12:03:54 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: K3GM <k3gm@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74580] Re: [OT] Are there any QRP-L members in Rhode Island?.....
Message-ID: <Pine.SUN.4.10.10007081201490.12684-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 7 Jul 2000, K3GM wrote:

> Sorry for the OT, but I'm planning to re-locate near the RI/MA border. I'm
> looking for advice on towns, areas, etc. in RI that are antenna/ham
> friendly. Any assistance would be appreciated.

Tom,

You might want to contact Bob Berlyn, N1PWU at HB Electronics. He lives in Providence, RI. His email is: hb_elec@ids.com

I worked a QRPer signing RI during QRP To The Field, so there's a couple there ... BUT WE NEED MORE! hi

GL on your move.

72, Paul NA5N

Date: Sat, 8 Jul 2000 14:14:40 -0400
From: "K3GM" <k3gm@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74581] Re: power strip ideas?
Message-ID: <011201bfe908\$62704bc0\$246e0c18@adubn1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Dave,

I got a piece of 1"x4"x4 foot piece of pine. Then went to the local surplus material yard and selected a stout piece of aluminum bar stock. I think it's 1" wide x 3/8" thick. I made 2 bus bars 48" long, drilling and tapping 10-24 UNC threads every 6 inches. I mounted them on the pine board under the shack table and have the 12Volt supply hooked to the bars at one end. I chose all 10-24 screws, but you could install any kind of terminal you wanted. Aluminum is a piece of cake to tap, and machine with home tools. I made sure to clearly mark each bar with a "+" and "-" across the face of each bar. I suppose you could also paint them red and black. I looked at the MFJ terminal block, but realized I could make a longer one at a fraction of the price. Total cost: was around 8 bucks with the piece of wood being the most.

7 3.....Tom K3GM

> I am looking for some ideas as to how to handle plugging multiple 12VDC
> devices into a common power source (most likely a battery) when operating
> "in the field". Now, I don't mean backpacking or anything where weight or
> size is a major consideration. I go to local parks periodically with a
> couple of QRP buddies so I don't have that far to lug stuff.
>

Date: Sat, 8 Jul 2000 12:28:05 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [74582] Ft. Tuthill Map
Message-ID: <Pine.SUN.4.10.10007081204060.12684-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Been seeing some questions about how to get to Ft. Tuthill, since it's coming up soon. Last year while there, Doug Hendricks and I got into this big drag-out fight about who's GPS was better, so we walked all the roads in the campground, mapping it out with our GPS. I found that info last night, so sat down and drew a map of the QRP campground and a region map showing how to get to the hamfest from Flagstaff, I-25 or I-17. Even colored it in with colored pencils!

I just sent that map to Bob Hightower via Priority Mail ... so he should be getting it early next week to scan it in and get it on his website. So stay tuned to QRP-L for his announcement when he gets it up.

FOR THOSE WITH GPS ...

The entrance to the QRP campground (just west of the hamfest area) is:
35deg 08' 29" N
111deg 41' 44" W
ELEV: ~7150 ft.

This was BEFORE they turned off the selective dithering thing, so above position could be off 50 feet or so :-). Although we *did* correct it for continental drift and things like that!

FOR THE GPS CHALLENGED ...

1. Get to Flagstaff, somehow
2. Head SOUTH on I-17 towards Pheonix.
3. Drive just a few miles and get off at the AIRPORT EXIT
4. From Exit, turn right, go a few hundred yards and turn RIGHT again on the Frontage Road (going NORTH). The Coconino County Fair Grounds, a.k.a. Ft. Tuthill, will be on your left (west). Take either of the two entrances. The northern entrance is easier to get to the QRP campground, however. Just follow it over to the west side of the fairground and you'll see the RV's and such parked everywhere.
5. The QRP campground is the southernmost campground. At the entrance, you will see the brick building in front of you that houses the restrooms and showers.
6. QRP campground is walking distance to the hamfest activities, so you

check-in/park at the campground and navigate on foot from there on.

The QRP campground is really deluxe for anything from tent camping to RV's. The 50-60 campsites are nestled within about 3.5 million pine trees for cool, aromatic breezes, gently pressing against the cheeks and rustling your hair for an exotic, sensual feeling from this forestry vista overlooking pristine deserts ... right up until you run into Jay Miller, Dr. Megacycle or me. Shocks you right out of it!

Hope to see you there.

72, Paul NA5N

Date: Sat, 8 Jul 2000 12:34:20 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Subject: [74583] Weekend Solar Stuff (WSS)
Message-ID: <Pine.SUN.4.10.10007081228440.12684-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The sun has been very quiet for the past week. No major flares. The solar flux is currently about 180, heading towards 200 over the next 2-3 days (approaching the 28-day peak). This is good for the higher frequencies.

The low solar activity also means little disturbance to our magnetic field. We've been running A-indices of 10 or less all week, and what is forecasted for the next few days. This is good for 40-80M.

The only possible glitch is a small CME that may impact the earth on July 11th. It may cause a few hours of noisy conditions, but nothing that will seriously impede QRP communications. A coronal hole is moving into position which can also elevate the noise and A-index into the 10-15 range over the next few days ... but again, won't really disrupt communications.

In short, a good weekend to get on the air. The higher bands during the day, flirt with 15-20M after sundown, and 40M should be nice later in the evening.

GUD DX, Paul NA5N

Date: Sat, 8 Jul 2000 16:28:47 -0400
From: tailfeathers@juno.com
To: tailfeathers@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [74584] Re: Tentec 1380 freq adjustment?
Message-ID: <20000708.162904.-4096195.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Thanks for the advise guys. I installed a 15 pf in parallel and it brought it down half of the needed amount then I installed a 33 pf and got within 20 mhz of what I wanted. This is my first qrp kit other than a smk-1 so I'm assuming there will be more alignment later in the kit but why couldn't there be a variable capacitor installed instead of a fixed value and occasionally change the frequency of the rig? Would the other alignment be more of a hassle than it would be worth?

Gary
n8gsj

Date: Sat, 08 Jul 2000 14:56:54 -0500
From: Bob Liesenfeld <wb0poq@visi.com>
To: qrp-1@lehigh.edu
Subject: [74585] SM protoboards
Message-ID: <39678786.A0EDA1B4@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

We are probably all familiar with the solder type protoboards that Radio Shack sells for leaded ICs with pins on .1" centers. Does anyone make something like this for surface mount chips? I'm thinking of something that would allow you to drop a standard sized chip carrier onto the board, solder it in place, and have each lead fanned out to a small, but accessible solder pad to connect other non surface mount type components. Kind of an 'expansion' board if you will.

This would facilitate using these tiny devices in dead bug construction. Thanks for any input.

Bob
WB0POQ

Date: Sat, 8 Jul 2000 15:07:55 -0600
From: "ptaber" <ptaber@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74586] Re: Field Day rule adjustment proposal
Message-ID: <000701bfe920\$97332540\$2ce6fea9@taber>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, the only time hams stop trying to re-design Field Day is when they're trying to re-design the license structure.

If you have The Big Disaster in your community, you want the club that can field a 15A setup. If you have The Big Disaster you also want operators at both ends of the circuit who can dig a tiny signal out of a sea of noise. If you have the Small Disaster on your hiking trip you want to have the guy that's ready to sling a short dipole into a tree and get someone's attention. If your disaster happens at a public service event you want the HT boys around with a spare battery pack on their hip.

There's a whole continuum of communications emergencies and Field Day lets you exercise them all. I say we should give extra points for 2-way spread-spectrum QRP SSTV via satellite. Let's promote this great mode....

>>>==>PStJTT

Date: Sat, 8 Jul 2000 14:30:46 -0700
From: "Jason Milldrum" <thecabal@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [74587] FS: Various QRP and ham items
Message-ID: <NEBBKHNMEDODBDLOKEPJMEALCBAA.thecabal@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the following items for sale. The price includes shipping to CONUS.

* Wilderness Radio SST/40 novice. This kit is constructed and works. I've put very little time onto this rig. Asking \$80.

* MFJ-418 Pocket Morse Code Tutor. This is the model with the LCD screen. Great for building up code speed. Manual included and unit is in great condition. Asking \$70.

* Ramsey CW-7 CMOS CW keyer with case, assembled. Asking \$30.

If you have any questions please write me at kd7jki@arrl.net.

Thanks,

Jason
KD7JKI

Date: Sat, 08 Jul 2000 17:33:57 -0400
From: Tom and Roxy <zikot@erie.net>
To: qrp-l@Lehigh.EDU
Subject: [74588] QRP Schematics Wanted
Message-ID: <3.0.5.32.20000708173357.007b0950@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am looking for schematic diagrams for a QRP transmitter only for 12, 15, and 20 meters for field use. I have a good portable receiver that will cover those bands. I want to do some field QRP work from my local state park, Presque Isle, on these bands. I have a good 10m QRP xmtr up and running but I don't want to limit my QRP activity to only 10m. Since I will be working in a beach environment I have plenty of room to use a portable dipole or inverted "V" for these bands. Any schematic for a xmtr up to 5 watts would be very much appreciated.

I thank anyone who can provide a QRP schematic for these bands. I am not setup to do SMT, only through hole or ugly construction, i.e. Manhattan technique.

73's es gud DX!

Tom & Roxanne
WA1VAI/3
Erie, PA.

Date: Sat, 8 Jul 2000 17:38:23 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [74589] stainless steel wire resistivity?
Message-ID: <013c01bfe924\$d8cd7060\$1ad179a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone tell me where to find the resistivity of stainless steel wire? I am playing with EZNEC and it's not on the list. The only table I can find is in Orr's Radio Handbook, 22nd Edition, p. 2.5 and stainless steel is not on the list (unless it's the same as nichrome, constantan, manganin or monel -- I'm not familiar with any of those).

Thanks,
Dave K8TRF

Date: Sat, 8 Jul 2000 16:04:28 -0600
From: zmola@campbellsci.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, nilsbull@juno.com
Subject: [74590] Re: Switching power supply question
Message-ID: <200007081615.QAA04582@demeter.campbellsci.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

From: Nils R Young <nilsbull@juno.com>
> In the Radio Shack.com catalog there is listed a \$119.95 23A switching
> power supply. Samlex America model SEC1223, 3 lbs, supposedly "exhibits
> none of the RFI problems normally found in switch-mode power supplies."
> (And yes, I realize that this is a catalog item & may not be available in
> stores.) Anybody have experientia with this kind of beast?

I considered this one, but purchased an Alinco instead. The alinco 330MV is meterd and a 32A supply but costs a lot more.

I've seen the Samlex for \$89 or \$99.
maybe at HRO or www.bills2way.com.

Universal radio had the best price on the Alinco. It seems nobody has the best price on everything :-(

With the switching supply, the manufacturer does matter.
The astrons are nice but a little bulky.

I don't know anything about the Samlex, but let us know about it.

Carl
AC7BB

Carl
zmola@campbellsci.com

Date: Sat, 8 Jul 2000 17:55:34 EDT
From: NB6M@aol.com
To: tailfeathers@juno.com
Cc: qrp-1@lehigh.edu
Subject: [74591] Re: Tentec 1380 freq adjustment?
Message-ID: <6c.ee2830.2698fd56@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gary,

Yes, there could be a variable or trimmer capacitor in parallel to adjust the frequency, but one reason kit suppliers like Small Wonder Labs, for instance, have quit supplying the trimmer cap, and have been supplying several NP0 caps, over a range of values, is because the trimmer can introduce instability to the VFO, whereas the fixed value NP0 is much less likely to do so.

72

Wayne NB6M

Date: Sat, 08 Jul 2000 16:56:40 -0500
From: "George , W5YR" <w5yr@att.net>
To: dodgeboy@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74592] Re: stainless steel wire resistivity?

Message-ID: <3967A398.90674B3@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Reference Data for Radio Engineers, Fourth Edition, gives stainless steel a relative resistance of 52.8 compared with copper at 1.0. Copper has a resistivity of 1.7241×10^{-6} ohm-centimeters. Stainless steel is defined as 0.1 C, 18 Cr, 8 Ni and the balance Fe. This mix is termed "18-8"

Hope this helps.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Dave Benham wrote:

>
> Can anyone tell me where to find the resistivity of stainless steel wire? I
> am playing with EZNEC and it's not on the list. The only table I can find
> is in Orr's Radio Handbook, 22nd Edition, p. 2.5 and stainless steel is not
> on the list (unless it's the same as nichrome, constantan, manganin or
> monel -- I'm not familiar with any of those).
>
> Thanks,
> Dave K8TRF

Date: Sat, 8 Jul 2000 18:12:15 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: "Dave Benham" <dodgeboy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74593] Re: stainless steel wire resistivity?
Message-ID: <002a01bfe92a\$1baec500\$0400a8c0@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think it depends too greatly on the type of stainless steel to be quantitized in a generic table. 17-7, 18-8?

Mike

> Can anyone tell me where to find the resistivity of stainless steel wire?
I
> am playing with EZNEC and it's not on the list. The only table I can find
> is in Orr's Radio Handbook, 22nd Edition, p. 2.5 and stainless steel is
not
> on the list (unless it's the same as nichrome, constantan, manganin or
> monel -- I'm not familiar with any of those).
>
> Thanks,
> Dave K8TRF
>
>
>

Date: Sat, 8 Jul 2000 18:17:34 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wb0poq@visi.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74594] Re: SM protoboards
Message-ID: <002d01bfe92a\$5c145d80\$0400a8c0@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've posted this a few times before, but I can't get at my data books
right now.

Yes, there are LOTS of things like what you want. Bigger ones,
like for 486 type processors to convert SM to pin can be as
pricey as \$70 or more.

But for small parts, there are small 'adapters'. The common
ones I've seen come in a few flavors. One is a 'square' or
rectangle, and either have pads or PINS on .1". But the
cheapest and neatest one I've seen is a 'paddle'. It's a small
square of PCB material that you mount the SM part on. You
can kludge a few small parts on it, but it has all traces going
to one edge for PIN mounting in a SIP socket. I've seen these
about \$5 to \$7 dollars, more depending on features.

I believe they are in the DigiKey catalog. At least, some of
them are.

Mike

> Hi gang,
>
> We are probably all familiar with the solder type protoboards that
> Radio Shack sells for leaded ICs with pins on .1" centers. Does anyone
> make something like this for surface mount chips? I'm thinking of
> something that would allow you to drop a standard sized chip carrier
> onto the board, solder it in place, and have each lead fanned out to a
> small, but accessible solder pad to connect other non surface mount type
> components. Kind of an 'expansion' board if you will.
>
> This would facilitate using these tiny devices in dead bug
> construction. Thanks for any input.
>
> Bob
> WB0POQ
>
>

Date: Sat, 8 Jul 2000 18:18:25 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, Marshall Emm
<mgemm@mtechnologies.com>, "Michael A. Gipe" <mgipe@reliablemeters.com>,
Tom Palmer <n1tp@worldnet.att.net>, Bruce Rattray <rattray@gpfn.sk.ca>
Subject: [74595] K0EVZ Final Log
Message-ID: <200007081820_MC2-AB84-BAF5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Gang:

Here is the final log from the first Summer FOX hunt two
evenings ago. Thanks again for everyone who took part,
and also for sending me your corrections.

Don't miss the second FOX this Sunday afternoon :-).

TIME(Z)	CALL	SENT/RCVD	S/P/C	NAME	#/PWR
0101	AB0GO	559/559	CO	Dave	785
0103	K5AAR	559/559	OK	Don	1512

0104	N4SO	559/559	AL	Ken	622
0106	N4ROA	559/559	VA	Dan	970
0106	NQ7X	559/559	AZ	Floyd	343

0107	W6ABC	559/559	CA	Jack	5 w
0107	AJ4Y	559/569	FL	Paul	1795
0109	N1FN	559/559	CO	ET	153
0110	NW7DX	559/599	WA	Ben	1892
0111	WJ1R	559/599	CO	Larry	2137

0112	NK7M	559/559	AZ	Bob	271
0112	W7QQQ	559/559	AZ	Jack	1210
0013	W5JAY	559/599	AR	Jay	1201
0016	WS4S	559/569	TN	Conard	993
0117	KC5LD	559/599	TX	Dan	2502

0119	KC5MC/5	559/449	NM	Jim	411
0120	W0CH	559/599	MO	Dave	618
0121	AF4PS	559/559	FL	Mac	704
0122	K8CV	559/559	MI	Walt	935
0123	K6VNX	559/559	CA	Arlen	5 w

0125	W7ILW	559/559	AZ	Howard	2010
0125	K5OI	559/569	NM	Tim	73
0126	N6WG	559/559	CA	Bob	26
0127	KI0II	559/559	CO	Ron	928
0129	K5DI	559/579	NM	Karl	3 w

0130	K5JHP	559/599	TX	Bill	825
0131	N6GA	559/569	OR	Cam	22
0131	AE9F	559/559	CA	Dan	5 w
0132	N5JI	559/559	TX	Rich	1054
0134	N2CQ	559/559	NJ	Joe	399

0135	NV4V	559/559	KY	Pete	1721
0137	W1R0/7	559/559	NV	Jim	5 w
0138	WZ2T	559/599	NY	Rick	122
0139	AF4PS	559/559	FL	Mac	704
0140	KA5T	559/449	TX	Larry	89

0143	N6NU	559/599	CA	Andy	5 w
0144	N0RC	559/559	CO	Rod	1764
0145	AJ4AY	559/559	AL	Jay	1372
0146	N1TP	559/559	FL	Tom	1317
0147	K5UP	559/559	OK	Glen	21

0149	N5IB	559/559	LA	Jim	1913
0150	VA6RF/7	559/559	BC	Earl	1076

0152	N8ME	559/559	OH	Mark	2 w
0153	W4NJK	559/559	CA	Charlie	2075
0155	W7MD	559/599	AZ	Damon	5 w [now 2190]

0157	K5ZTY	599/559	TX	Bill	473
0159	NK9G	559/599	WI	Rick	2061
0200	KB7WW	559/559	OR	Art	290
0202	W8DIZ	559/559	OH	Diz	1998
0207	KF2P	559/339	NY	Dick	13

0209	VA7NT	559/559	BC	Paul	20
0210	N8IE	559/599	OH	Dan	1404
0211	KE1LA	559/539	ME	Joel	765
0215	WB0HQV	559/559	MO	Jim	2100
0217	NM5M	559/559	TX	Eric	1824

0220	KB7MBI	559/559	WA	Alan	1299
0222	W7AQK	559/559	AZ	Dave	187
0223	WB6JBM/8	559/599	OH	Rick	1118
0226	WB8RCR	559/559	MI	John	1446
0228	K1QM	559/339	MA	Joel	337

0230	KC1FB	559/559	CT	Jim	29
0231	AF4LQ	559/559	KY	Mike	1395
0233	KB9BVN	559/599	IN	Brian	1540
0235	NK6A	559/569	CA	Don	1517
0240	AC7AC	559/569	OR	Ron	5 w

0244	KU7Y	559/579	NV	Ron	17
0249	N5ZE	559/339	TX	Lew	2178
0256	N6MM	559/579	CA	Harvey	5 w
0259	KA1DDB	559/559	MI	Mike	2064

Sure hope the copy you receive is legible. Sometimes the columns seems to rearrange themselves in the received copy.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail = K0EVZ@arrl.net

Date: Sat, 08 Jul 2000 17:24:25 -0500

From: "George , W5YR" <w5yr@att.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74596] Re: stainless steel wire resistivity?
Message-ID: <3967AA19.2AB6FF53@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Let me add to my previous response to Dave's question that the use of stainless steel wire in antennas in subject to yet another problem other than increased resistivity relative to copper, which is a "d-c" effect.

As I understand it, the effective r-f resistance of the wire is also increased many-fold by the magnetic properties of stainless steel. I don't have any figures at hand, but I have read on the rec.radio.amateur.antenna newsgroup that the r-f resistance can be *much* higher than that of copper wire.

It is probably safe to say that unless one is intent on building in resistance for the purpose of broadening bandwidth, the use of stainless steel in antennas is not all that great an idea.

Perhaps others can come up with some data for you.

72/73, George QRP-L #1373
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Mike Yetsko wrote:

>
> I think it depends too greatly on the type of stainless steel to be
> quantitized in a generic table. 17-7, 18-8?
>
> Mike

Date: Sat, 8 Jul 2000 18:27:19 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74597] Re: stainless steel wire resistivity?
Message-ID: <004501bfe92b\$b1a35480\$0400a8c0@dadshp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

VERY good point!! I know that Larsen uses a plated antenna whip. They use a hard stainless steel for whip, then it has a 'copper clad' layer for RF conductivity. Then finally a 'chrome' layer for protection. I wondered if it was really that much a problem, but I suppose it is.

Mike

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> stainless steel wire in antennas in subject to yet another problem other
> than increased resistivity relative to copper, which is a "d-c" effect.
>
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End of QRP-L Digest 1876

